



SPORTS BASIS



Santa Claus Sale!

Some Items Up To **50% Off**
 Selected Powder Pants & Bibs **1/2 PRICE!**
 Selected Wool Sweaters **1/2 PRICE!**

SPECIAL Deals On Skis This Weekend!

	Retail	Was	NOW
Rossignol 4S	\$420	\$369.95	\$349.95
Rossignol 4M	\$399	\$349.95	\$329.95
FISCHER Vacuum SL	\$429	\$369.95	\$349.95
FISCHER Vacuum SLS	\$399	\$349.95	\$329.95

HELP US CLEAN OUR ATTIC!

Olin Demo Racing Skis - \$50!

Misc. New Skis From **K2, Dynastar & Olin \$150!**

Don't Forget Your **SKI CLUB DISCOUNTS!** 10% Non-Sale Items
 5% Sale Items

***RAY-BAN WAFARERS \$39⁹⁵** This Weekend Only

371-2420

219 N. Balsam St.



Michelson Lab Awards

Four win with years of effort

Four leading examples of excellence at China Lake were honored with Michelson Laboratory Awards last Friday. This award, complementary to the Naval Weapons Center's L.T.E. Thompson Award, is one of the most prestigious forms of recognition at NWC.

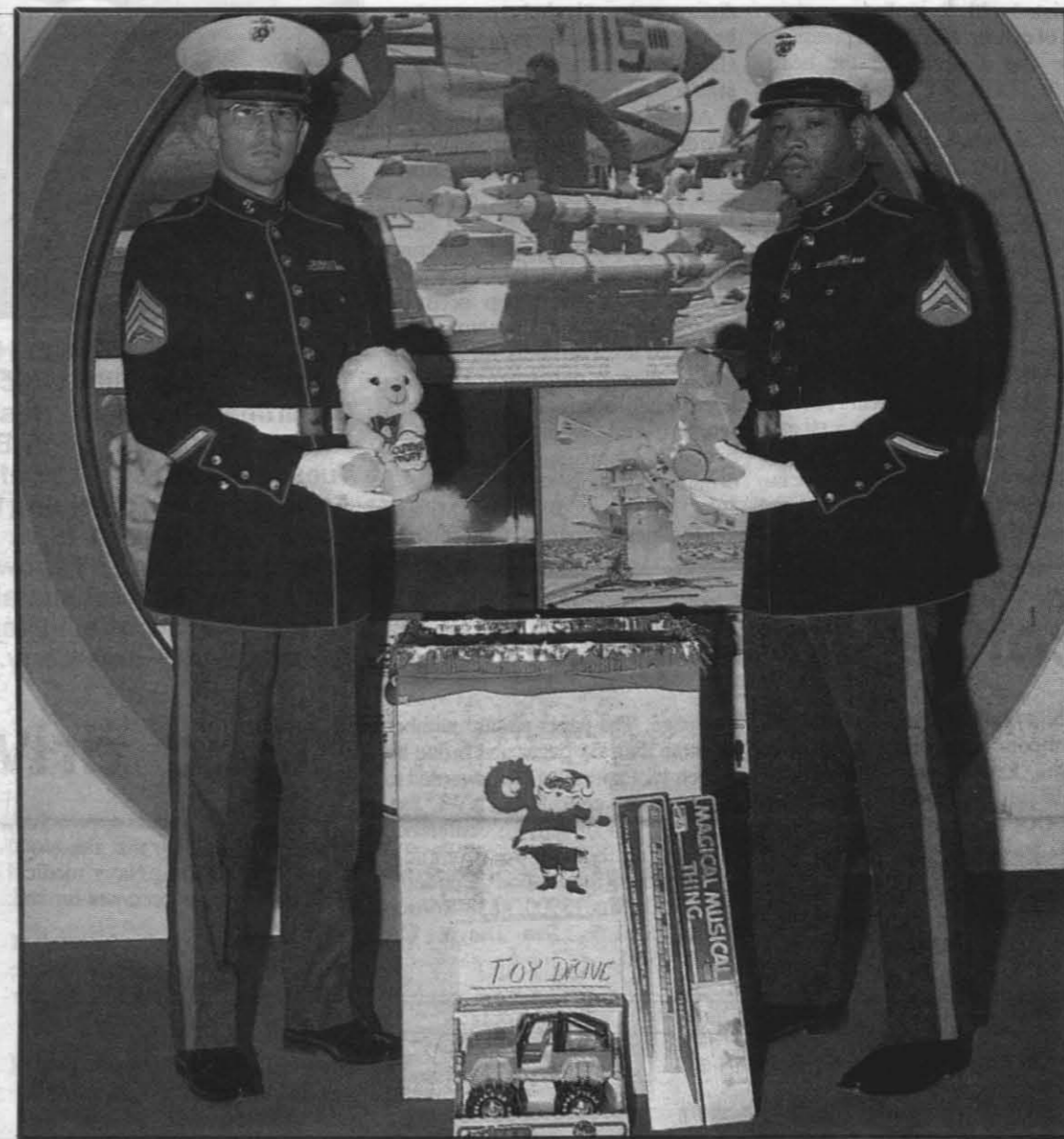
Saluted for their long-term, outstanding contribution to the Center and the Navy were Dr. David K. Andes, A.K. (Sandy) Rogers, Werner G. Hueber and Clara K. Erickson. Capt. John Burt, NWC Commander and Gerry Schiefer, technical director, made the presentations at a lunch in the Commissioned Officers' Mess.

Capt. Burt said the awards recognized many years of service to NWC and the impact these individuals had on the Center, the Navy and the Department of Defense. Both the technical and administrative sides of the Center were honored with the award presentations.

David Andes was nominated by Dillard Bullard, head of the Intercept Weapons Department, for his "technical excellence and foresight in enhancing the Center's capabilities and technical reputation."

Throughout his NWC career, Andes has been involved in analysis and simulation of warfare systems to support missile development. He combined his talents as an outstanding mathematician with a keen interest and capability in computer science to develop and utilize advanced computer simulations of warfare systems.

When the related field of artificial intelligence emerged, Andes was called on to lead a Center-wide committee effort to develop a plan of action on AI. As the AI program progressed, it became apparent that conventional Von Neumann computers severely limited the use of AI in missile systems. The memory capacity and computational speed required to survive in the modern battle arena could not be realized without a revolution in computer processing. Andes led that revolution by turning his attention and talents to the new field of artificial neural networks. These



TOY DRIVE — Many youngsters in the Indian Wells Valley will enjoy a merrier Christmas this year thanks to the efforts of the annual Toy Drive spearheaded by members of the China Lake Marine Aviation Detachment. Sgt. Chris Beebe and Cpl. Clarence Lea show some of the toys collected. There are collection boxes at many locations on board NWC and in Ridgcrest businesses. Donations of new, unwrapped toys will be included in the holiday baskets for families of the valley who are in need this year. Photo by PHAA Gary Brady

Celebrate the blessings

This holiday season is a time to cherish, a time to gather with family and friends, whether at home or in places far removed from China Lake, and celebrate the blessings of the year.

As China Lakers prepare for Christmas, Hanukkah and the New Year, we can be grateful for another year in which this nation has remained at peace. We, the men and women, military and civilian members of the China Lake team play an important part in preserving the peace we all enjoy this year.

When most of us sit down to a festive dinner this holiday season, or enjoy the celebration of the dawn of a new year, many China Lakers will be standing watch in a hangar, patrolling the network of roads, maintaining a vigil at important facilities or making sure there is food on the table for the sailors and Marines eating in the galley. No matter where we are, we remain part of a world-wide Navy team maintaining the peace we all enjoy.

As this year draws to a close we want to express the great pride we have in serving this nation with you. The patriotism, dedication and determination China Lakers display is a large part of what makes this place special and makes it work so well.

1988 has been a year of accomplishment for China Lake and the Naval Weapons Center. It was teamwork which made all of the many good things possible. While individual diligence and excellence cannot be discounted, teamwork is the key to our success once again.

In a troubled world, we are fortunate to be able to choose how we each celebrate these holidays. Indeed, we are fortunate to be able to celebrate at all. Much credit for this freedom must go to the military members whose preparation for war in order to preserve peace and freedom is a tribute to their skill and professionalism.

Whether you are celebrating alone or with loved ones; whether you will be on duty during these special holidays or far from home; whether you will be enjoying your first desert holiday or the 40th at China Lake we want to extend to all of you and your families, the wish for a happy and safe holiday season.

John Burt
 John Burt, NWC Commander

Gerry Schiefer
 Gerry Schiefer, NWC Technical Director

Pladson receives honors

Technical competence and outstanding management skill, combined with dedication and personal integrity throughout the years, helped bring the Navy Meritorious Civilian Service Award to Maggie Pladson last week.

Pladson, associate head of the Naval Weapons Center's Engineering Department, was honored at a retirement banquet with Capt. John Burt, NWC Commander, making the award presentation.

The Skipper noted this is the highest honor the NWC Commander can bestow on a civilian employee.

Sterling Haaland, head, Engineering Department, in nominating Pladson for the award wrote, "During his years as associate department head, he

(Continued on Page 5)

(Continued on Page 7)



NWC's Wellness Corner

Tips on reducing health risks

This is the fifth in a series on the major findings and recommendations of The Surgeon General's Report on Nutrition and Health.

Alcohol: To reduce the risk for chronic disease, take alcohol only in moderation (no more than two drinks a day), if at all. Avoid drinking any alcohol before or while driving, operating machinery, taking medications, or engaging in any other activity requiring judgment. Avoid drinking alcohol while pregnant.

Alcohol is a drug that can produce addiction in susceptible individuals, birth defects in some children born to mothers who drink alcohol during pregnancy, impaired judgment, impaired ability to drive automobiles or operate machinery, and adverse reactions in people taking certain medications. In addition, alcohol abuse has been associated

with disrupted family functioning, suicides and homicides.

Excessive use of alcohol is also associated with liver disease, some types of cancer, high blood pressure, stroke and disorders of the heart muscle. Extensive epidemiologic and clinical evidence has identified alcohol consumption as the principal cause of liver cirrhosis in the United States, at least in part as a result of the direct toxic effects of alcohol on the liver. Smoking and alcohol appear to act synergistically to increase the risk for cancers of the mouth, larynx and esophagus. Less conclusive and somewhat conflicting evidence suggests a role of alcohol in other types of cancers such as those of the liver, rectum, breast and pancreas.

Studies indicate a direct association between increased blood pressure and the consumption of alcohol

at levels beyond about two drinks daily. Extremely excessive alcohol consumption is associated with cardiomyopathy. Alcohol consumption by the mother during pregnancy has also been associated with fetal malformations.

Although consumption of up to two drinks per day has not been associated with disease among healthy men and nonpregnant women, surveys suggest that at least nine percent of the total population consumes two or more drinks per day and those in this group need to reduce their alcohol consumption. A threshold level of safety for alcohol intake during pregnancy has not been established. Thus, pregnant women and women who may become pregnant should avoid drinking alcohol.

By Betty Miller
Wellness Program Coordinator



FORTY YEARS—Melvin H. Keith, a physicist in the Target Vulnerability Office of the Attack Weapons Department received his 40-year Federal Service Award from Capt. John Burt, NWC Commander on Tuesday. Keith spent 37 of his 40 years at China Lake. As he said upon receiving the award, he came here for just a year or so in 1951. His honors over the years include becoming a Fellow of the American Ordnance Society and several sustained superior performance awards. Keith's wife, Vivian was among those attending the award ceremony.

Simulation conference planned

Computer simulations play a vital role in the work conducted at the Naval Weapons Center and the Society for Computer Simulation invites China Lakers to participate in its 21st annual conference July 24-27 in Austin, Texas.

The conference will focus on hardware-in-the-loop simulations. Simulation topics include modelling,

credibility and validation, verification of computer performance, radar systems, knowledge-based systems, missile systems (applications, avionics, 6-DOF, etc.), robotics and CAD/CAM, and SDI.

Papers and presenters are needed for the conference. Abstracts are due by Jan. 6 and should be no more than

one page. The paper should number no more than six pages and is due by March 15. Papers can be forwarded to David Rugg, code 3627, NWC ext. 1231/1831 or directly to conference officials at: Society for Computer Simulation (Simulation Councils, Inc.), P.O. Box 17900, 4838 Ronson Court, Ste. L, San Diego, CA 92117-7900.

Blood drive support

As the holiday season approaches, we should all realize that the blood supply maintained at Navy medical treatment facilities becomes limited.

This unfortunate fact is the result of significant numbers of motor vehicle accident related injuries which occur during the holidays.

Ironically, it is during this time of year that the number of blood donations decrease.

I strongly urge all Navy/Marine Corps activities to remind their personnel and dependents that Navy blood banks rely upon their donated blood. Please get the word out for them to consider giving blood to their local Navy blood donor center.

There is no greater gift than giving blood—the gift of life.

William E. Ball, III
Secretary of the Navy

NWC Rocketeer

Published by Chalfant Press
450 East Line Street
Bishop, CA 93514 (619) 873-3535

This commercial enterprise (CE) newspaper is an authorized publication. Contents of NWC ROCKETEER are not necessarily the official view of, or endorsed by, the U.S. Government, the Department of Defense or Chalfant Press.

The editorial content is edited, prepared and provided by the Public Affairs Office of the Naval Weapons Center, China Lake. Correspondence and material for publication should be addressed to: Editor, NWC ROCKETEER, Code 0033, Naval Weapons Center, China Lake, CA 92555-6001; telephone (619) 939-3354; E-Mail SEF:Rocketeer. Deadline for receiving stories and photos is 4 p.m. Tuesday for publication on Friday of that week.

NWC Commander — CAPT. JOHN BURT Editor — STEVE BOSTER
Associate Editor — KAREN EVERETT, APR
Technical Director — GERALD SCHIEFER Editorial Assistant — PEGGY SHOAF
Public Affairs Officer — DENNY KLINE

Staff Photographer — PHAA CARY K. BRADY

"Published by Chalfant Press, a private firm in no way connected with the DOD or U.S. Navy under exclusive written contract with the NAVWPNCEN. This commercial enterprise newspaper is an authorized publication for members of the military services. Contents of the Rocketeer are not necessarily the official views of, or endorsed by, the U.S. Government, the Department of Defense, or NAVWPNCEN. The appearance of advertising in this publication, including inserts and supplements, does not constitute endorsement by the Department of Defense or of its products or services advertised. Everything advertised in this publication shall be made available for purchase, use, or patronage without regard to race, color, religion, sex, national origin, age, marital status, physical handicap, political affiliation, or any other non-military factor of the purchaser, user, or patron. A confirmed violation or rejection of this policy of equal opportunity by an advertiser will result in the refusal to print ads arising from that source. Editorial content is edited, prepared, and provided by the Public Affairs Office of NAVWPNCEN."



ANN LABORATORY—Dr. David Andes (left) of NWC talks about artificial neural networks (ANN) in the Center's ANN Lab with Scott Shumway, Len Freeman and Gary Purcel of the Naval Air Systems Command and NWC's Don Witcher.



MERITORIOUS SERVICE—Maggie Pladson received the Navy Meritorious Civilian Service Award from Capt. John Burt, NWC Commander. Helping in the presentation was Gerry Schiefer, NWC Technical Director. Pladson was honored at a retirement celebration. Photo by Peggy Shoaf

Maggie Pladson

(Continued from Page 1) contributed to Center long-range planning and displayed exemplary skills in organizational team building, communication and sound management practices."

Since beginning as a junior professional at the then Naval Ordnance Test Station, Pladson has spent 28 years in the Engineering Department in work that ranged from conducting laboratory and flight testing the of Sidewinder missiles to becoming the head of the Sidewinder/Chaparral Program Office.

In 1974 he moved from the program office to line management, and by 1983 had headed three of the Engineering Department's five

divisions.

He headed the Fleet Engineering Division, where he worked closely with the fleet to provide important logistics support and problem analysis for NWC weapons systems. In 1978 he moved to head the Technical Data Division and in 1979 became head of the Product Assurance Division. In his nominating letter Haaland said, "Throughout his tenure in all these positions, Maggie's understanding of overall missile system technology and his competence as a manager provided a strong basis for the leadership and guidance he contributed to the development and production of fleet weapons."

Safety standdown

(Continued from Page 3) will be on hand in Conference Room B/C to answer any questions after the video.

Safety and You — Dr. Keith Barenklau will present a program on safety and risk management. Dr. Barenklau received his Ph.D. in Industrial Safety. He has been a past director of the International Safety

Academy and has been a featured speaker before such groups as the National Safety Congress and the Industrial Accident Prevention Association (Canada). Dr. Barenklau is a licensed psychologist as well as an internationally known loss control specialist.

From all of us at the Safety Program Office, may you and yours have a Merry Christmas and a happy, safe New Year.

By Phil Sodergren
Safety Program Office

Moving offices requires coordination

The moving and storage services, which are provided by United Airlines Services Corporation, should be requested via a nine-part stub through the Quality Assurance Branch (Code 2671).

Advance planning by the requesting code is a must. All items which

are to be moved have to be included on the nine-part stub. A representative from Code 2671 is available to assist you in the generation of the stub. The moving contractor will not move anything that is not listed on the stub.

All items to be moved must be

clearly marked with names and destinations. Desks and bookcases must be emptied and their contents boxed and labeled.

Moving stubs should be delivered to Code 2671 a minimum of seven working days prior to the requested

move date. The point of contact for moving and storage services is Julie Sorensen, presently located at 614 Bowen. If you have any questions regarding moving and storage or would like to request her assistance in coordinating an upcoming relocation, call NWC ext. 1143 or 1025.

NWC HOTLINE
Integrity, efficiency program
Call: NWC ext. 3636 (24 hrs.)
or call the Inspector General at:
(800) 522-3451 (toll free)
288-5743 (Autovon)
(202) 443-6743 (commercial)

Workhorse Systems

Our Best Rock-Solid Computing Systems on Sale

10MHz XT Complete PC Craft XT system with 640K RAM, 360K floppy, serial & parallel ports, battery-powered clock/calendar, 200 Watt power supply, high resolution monochrome monitor, AT-style keyboard, MS-DOS 3.3, and total compatibility. Includes word processor, spreadsheet, games collection, & utilities. 2-year warranty. Now only \$888. With 2nd floppy disk drive, \$959. With 1 floppy & 30MB hard disk system sale price \$1,188.

10MHz AT Complete PC Craft AT system with 640K RAM, 20MB hard disk, both 1.2MB/360K & 360K floppy disk drives, serial & parallel ports, high resolution monochrome monitor, battery-powered clock/calendar, 200W power supply, AT-style keyboard, word processor, spreadsheet, MS DOS 3.3, plus a collection of utilities. Regularly \$1,895, sale \$1,695.

Computing Technology's

Computer Store
249 Balsam St. 375-5744 next to the Music Man

Register for Our Christmas Giveaway Drawing:

Name _____
Address _____
Telephone _____

No purchase necessary. You don't have to be present to win. Complete coupon and bring it to the Computer Store at 249 Balsam. Drawing will be held December 16.

WE'RE BACK!

IT'S PARTY TIME!

You're not partying until we're there!

Darrin Clodt & Pat Doughtie
Plan Now For Your Christmas Party
375-3185 or 375-8809

And Just In Time!
C&C Productions
MOBILE MUSIC SERVICES
"When you want the best"

Available For Your Christmas Party!
DJ Services Also Available For:

- Weddings • Schools & Clubs
- Night Clubs • Fairs & Festivals
- Bar Mitzvahs • Private Parties

HAPPY HOLIDAYS

Michelson Laboratory Award winners



(Continued from Page 5)

AIM/RIM-7 missile program helped bring his nomination by Dillard Bullard of the Intercept Weapons Department.

The nomination letter reads, in part, "Due to current emphasis on competition in the defense acquisition process, the dual-sourced Sparrow AIM/RIM-7M missile program is of great interest as a model for other acquisition programs and consequently under constant scrutiny. Sandy Rogers maintained a team of technical and product assurance experts who assured delivery of the best possible assets to the fleet. Due to the complex nature of the missile, production problems have always been inherent in the program. . .

His efforts resulted in increased missile assets with no loss of technical integrity. Direct results of Rogers' efforts were a very positive relationship with the sponsor and an enhancement of the Center's lead technical role on the program."

Since becoming associate department head in 1987, Rogers has been a leader of the department's technology base programs and has given leadership and focus to these departments in such a way as to maximize their contribution to the department's on-going programs.

Bullard added, "because of his extensive knowledge of the acquisition system and his technical understanding, he has been frequently tasked to head up special efforts of Standard Missile, NATO Sea Sparrow and Sparrow" missile systems.

In nominating Werner G. Heuber for the Michelson Laboratory Award, Edward Kutchna, head of the Aircraft Weapons Integration Department, said, "His initiatives have resulted in maximizing the productivity of Weapon Systems Support Activity (WSSA) operations and contribute strongly to a positive sponsor relationship. Improving software development tools and methodology, planning the development to include realistic life-cycle estimates and demanding the highest quality for the price, from both in-house and contractor personnel, have resulted in highly successful WSSA products delivered on-time and within cost."

Heuber established, during his tenure as head of the A-6 Intruder WSSA, a disciplined approach to software development, validation and verification testing. His efforts transcended the WSSA and demonstrated an improved process for designing and managing software development programs throughout the Center.

The nomination also notes Heuber had a direct impact on the success of the A-6 Systems/Weapons Integration Program. . . His leadership and management skills created the disciplined software engineering environment that led to a highly successful program and further weapons systems integration software development.

AWARD WINNERS—Winners of the 1988 Michelson Laboratory Awards are flanked by Capt. John Burt, NWC Commander and Gerry Schiefer, Technical Director. The recipients for this year are (from left) Werner Heuber, David Andes, Sandy Rogers and Clara Erickson. The four were honored for their years of outstanding contributions to the Navy and the Naval Weapons Center. Photo by PHAA Cary Brady

AWARD WINNERS—Winners of the 1988 Michelson Laboratory Awards are flanked by Capt. John Burt, NWC Commander and Gerry Schiefer, Technical Director. The recipients for this year are (from left)

First CLASS
Book Shop
Tele: (619) 375-7305

ANCIENT WISDOM FOR A NEW AGE
MON., WED. & FRI. 3-7 P.M.
TUES., THURS. & SAT. 1-5 P.M.

Books New & Used
Magazines, Tapes
Greeting Cards, Jewelry,
Crystals & other stones,
workshops.

220 Station Street, Ridgecrest, CA 93555

Bellone
Better Hearing Through Professional Care

Do you hear but not always understand the words that are said to you?
Early detection is so important. Assistance in purchasing a hearing aid will be available.

BELLONE HEARING AID CENTER
DAKE PROFESSIONAL BUILDING
801 NORTH DOWNS, SUITE F • RIDGECREST, CA 93555

375-4327
375-HEAR

famous Coney Island Hotdogs

NOW! In front of the Commissary

Featuring the World's Finest True Old Fashioned Hotdogs

COME TRY IT FOR YOURSELF!
Monday-Friday 10 a.m. - 4:30 p.m.
Saturday 9 a.m. - 4:30 p.m.

CERRO COSO COMMUNITY COLLEGE
SPRING 1989 REGISTRATION
Classes begin January 17

Registration:
Continuing Students - (by appointment only)
January 4 and 5, 9 a.m.-6:30 p.m.
New and Continuing Students - (by appointment only)
January 9-11, 9 a.m.-6:30 p.m.
January 12, Walk-in Registration,
9 a.m.-6:30 p.m.

Call Today
and Make Your Registration Appointment!

Appointments:
December 15, 16, 19, & 20
or January 3-11 9 a.m.-5 p.m.

CALL 375-5001

Safety battles continue

Why do we have safety stand-downs? Being safe is not a goal that once attained, we can forget about. To be safe, whether at work or at home, you have to think safe. But most of us have to be reminded from time to time just what being safe is. If we didn't have to be reminded, no one would ever try to hang their safety award on the wall using an office chair with wheels as a step ladder, and of course, no one would ever drive too fast, or drive recklessly, or try and light their backyard barbecue with gasoline. But people do these sort of things all the time. None of us are immune to these temporary bouts with stupidity.

A few years back, I grabbed the branch my chain saw was hung up

obviously hazards. Are all the circuit breakers properly labeled? Are there storage areas that have accumulated trash? How about tripping hazards? Are all the passage-ways clear? It's as simple as that. Just make sure that hazards noted become hazards corrected. If you work in an explosive handling area, your time might be best spent looking over all of your operating procedures.

This year, Safety Standdown '89 is scheduled for Wednesday and Thursday, Jan. 4 and 5. If you're not sure how you can fulfill all four hours, let the Safety Program Office lend a hand. We have scheduled six separate one-hour presentations to be shown at the Center Theatre and the Michelson Lab Conference

Drugs in the Workplace — Detective Gary Zvirblis, with the Kern County Sheriff's Department, is considered to be one of the top speakers on substance abuse in the country. For those who missed his presentation last year during the standdown, here is another chance. Definitely a presentation worth attending.

Laser Safety — Dave Jenkins and Shari Donaldson (Code 315) will be coming back again this year to give their presentation in Michelson Lab Conference Room B/C. This presentation has been very well received in the past, and is generally given to standing room only audiences.

Ionizing Radiation/X-Ray Safe-

SAFETY STANDDOWN '89 SCHEDULE OF EVENTS			
Wednesday, January 4			
	Theatre	Michelson Lab 1000-D	Michelson Lab B/C
8:30-9:30 a.m.	Back Injury Prevention	Stress Management	Laser Safety
10-11 a.m.	Drugs in the Workplace	Safety and You	AIDS
1-2 p.m.	Stress Management	Back Injury Prevention	Laser Safety
2:30-3:30 p.m.	Safety and You	Drugs in the Workplace	Ionizing/X-Ray Radiation Safety
Thursday, January 5			
8:30-9:30 a.m.	Safety and You	Drugs in the Workplace	AIDS
10-11 a.m.	Stress Management	Back Injury Prevention	Laser Safety
1-2 p.m.	Drugs in the Workplace	Safety and You	Ionizing/X-Ray Radiation Safety
2:30-3:30 p.m.	Back Injury Prevention	Stress Management	Laser Safety

on. The chain was still turning. . . If I had been asked what the correct procedure was, I would have answered, "Keep both hands on the saw until it has completely stopped before attempting to work it free." But my right hand had a mind of its own and it grabbed that branch. In the space of a heartbeat my fingers were mixed in with the chainsaw. I was never so glad as when I saw my fingers were still attached. Eighteen stitches. That was my lesson to remember. But would I have done it if I had thought about it first? Probably not. If you're reminded of what can go wrong, the chances of doing something stupid that could result in an injury are diminished. This is all part of the learning process. We're learning, even when we're only being reminded of something we already know.

Safety Standdown '89 is our way of reminding everyone to "think safe." During a two-day period, all DOD personnel are required to "standdown" from their normal work for a period of four hours. Those four hours are to be used to assess their safety posture, or in other words, everyone should look around them and ask, "is every reasonable step being taken to make this job as safe as possible?" One way of doing this is to perform a safety walk through your work spaces. To do this, simply walk around your work area looking for

Rooms 1000-D and B/C. Please bear in mind that seating is limited at both of the Michelson Lab conference rooms, so if you don't want to miss a particular program, come early or attend the presentations at the Center Theatre.

The presentations the Safety Program Office has scheduled are as follows:

Back Injury Prevention — Mr. J. "Scottie" Wallace is a retired safety engineer with the City of San Bernardino. Prior to retiring, Wallace was in charge of risk management and the back injury prevention program covering all city employees. As a result of his managing the back injury prevention program, the City of San Bernardino recognized a 79 percent reduction in employee back injuries during the first year. An achievement even more notable because he was able to maintain this level until his retirement four years later.

Stress Management — Dr. Jeff Besser has been a Center employee for the past four years. Dr. Besser has earned a Ph.D. in both psychology and law, and has taught at the university level in both Colorado and New Mexico. Dr. Besser's main area of research involves stress and its relationship with heart disease. Dr. Besser's Stress Management presentation has been given on Center to smaller groups with excellent reviews.

ty — Mr. Greg Eadie comes to the Naval Weapons Center with more than 25 years experience in the nuclear industry. Eadie has worked for the Nuclear Regulatory Commission (NRC), the Environmental Protection Agency (EPA) and at the Nevada nuclear weapons test site. Eadie will be addressing the basic safety precautions involved with ionizing radiation, depleted uranium ammunition and weapons x-ray.

AIDS — This year for Safety Standdown, we will be presenting two video tapes addressing the AIDS issue. The first will be a 23 minute video on "AIDS in the Workplace." An important video that helps to dispel some of the myths and misunderstandings concerning this serious health problem. In particular, how the disease cannot be passed from person-to-person during normal casual contact. This video will be presented at the Center Theatre during the morning and afternoon breaks between shows. The second video will be shown twice in the Michelson Laboratory Conference Room B/C and is 43 minutes in length. Narrated by Capt. William O. Harrison, Balboa Naval Hospital, this program looks at the disease itself, how it is spread, how it attacks the body, and what you can do to avoid being exposed. HM1 Wolfe of the Branch Medical Clinic

(Continued on Page 7)



The Skipper Sez...

QUESTION

Captain, recently I have been noticing the United janitors have been lifting trash in large burlap bags. The procedure is creating more work for the contractors. For instance, ashes fall out of the holes, liquids stain the carpets and floors require care more often. Vacuuming is a must every day. Also, the fabric irritates the janitors' hands to the point of severe irritation and redness. Why do the janitors at Michelson Lab and at the Headquarters Building still use plastic bags? The janitors at the North ranges, Thompson Lab, for instance, have to use burlap bags.

ANSWER

One of your concerns was that using the burlap bags creates more work for the contractor. Vacuuming, mopping and spotting of carpets are in most cases, done per visit to the building being cleaned. Coffee mess plastic bags are replaced per visit. When the burlap bags get soiled, the custodial workers have been instructed to return them to their supervisors to have them laundered.

As far as the fabric irritating the janitors' hands, rubber gloves and trash carts are provided for all areas of the base and it is at the custodial worker's discretion to utilize the equipment.

Quality Assurance, Code 2671, have custodial inspectors which monitor the contractor performance. Deficiencies are reported and corrected, and surveillance will be increased to assure contract procedures are being adhered to. United is not in violation of the contract by using the burlap bags to remove trash from buildings. The government cannot direct the contractor, but only look at end results.

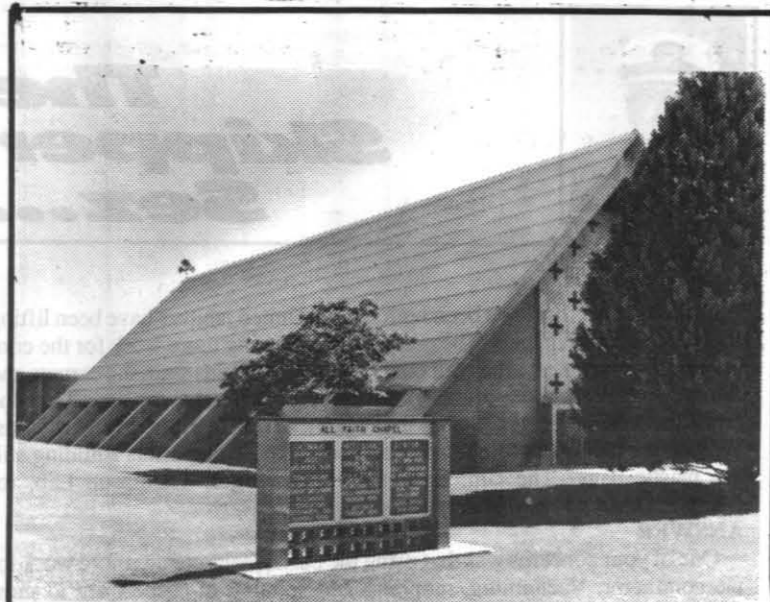
All China Lakers, including military personnel, civilian employees and their dependents, are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. John Burt. Please call NWC ext 2227 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

Riggs succeeds Pladson

Robert Riggs has been selected as Technical Data Division, is effective on December 19. Riggs succeeds the associate head of the engineering department. Sterling Haaland, Maggie Pladson who is retiring from department head, announced the the Naval Weapons Center at the end choice of Riggs, formerly head of the of this year.



PARADE WORK—Students from Mesquite High School and sailors from Air Test and Evaluation Squadron Five (VX-5) worked together on an MHS/Optimist float for the Ridgecrest Christmas Parade. The float won the Mrs. Claus Award. Photo by PH3 Robert C. Foster, Jr.



Chapel Call



Lest We Forget

Lest we forget, amid the busy schedules that overwhelm us with parties and decorations and seeing that all is "just right" for that gathering of once-a-year guests;

Lest we forget, as we frantically dash about the stores in an effort to purchase and wrap presents to place under brightly-lit trees glittering with tinsel and silvery ornaments;

Lest we forget as we bring excited children to visit department store St. Nicks who patiently listen to lists of toys recited off by hopeful recipients;

Lest we forget, as we get the last of the Christmas cards in the mail, hoping that we haven't forgotten anyone we should have remembered;

Lest we forget, as we shop in markets for "all the trimmings" for Christmas Day dinner, disregarding the usual budget in favor of festivity;

Lest we forget, as we cheerfully sign off every meeting with friends with "Merry Christmas" and wishes for a more prosperous and better New Year;

Lest we forget, as we settle down to watch the seemingly endless series of TV Christmas specials filmed back in July for airing during this season;

Lest we forget, as we push aside the realization that January will bring us face-to-face with first payments on things hastily purchased to please family and friends. . .

Let us stop for a moment and recall

that 1,988 years ago, a Baby was born to a Jewish couple who had taken refuge from the cold in a cave, and this Baby, almost silently appearing among us, was the WORD-MADE-FLESH, the SON OF GOD, the ETERNAL PRINCE OF PEACE, who redeemed the world by His death as an adult and made possible our salvation and life with God for eternity.

Lest we forget what this season is REALLY all about, let us remember that we usually do not celebrate a birthday without remembering the guest-of-honor!

By LCdr. S. A. Casimano, CHC, USN
Command Chaplain

Christmas special worship services scheduled

Protestants
On Dec. 24, at 7 p.m., a Christmas Candlelight Service will be held at the All Faith Chapel. Child care will be provided for this service.

On Dec. 25, at 10:30 a.m., the regular Sunday worship service will be

held. During this service, the Sunday School Christmas program will be held. Love loaves, which will benefit the hungry, will be collected and dedicated during the program. Child care will be provided.
Catholic

The annual Children's Christmas Mass is scheduled for Saturday, Dec. 24, at 5 p.m.

Worshippers can welcome Christmas at the All Faith Chapel with the special Mass scheduled for midnight, Dec. 25.

Divine Services

Protestant
Sunday Worship Service, Main Chapel 10:30 a.m.
Sunday School, Annexes 1, 2 & 4 9:00 a.m.
Bible Study (East Wing), Wednesday 11:30 a.m.
(September thru June)
Men's Prayer Breakfast, East Wing, Thursday 6:15 a.m.
Officers' Christian Fellowship/Christian Military Fellowship, Annex 4, Thursday 7:00 p.m.

Islamic
Jumaa Prayer (Friday in Annex 4) 12:00 p.m.

Roman Catholic
Sunday Mass, Main Chapel 9:00 a.m.
Daily Mass, Small Chapel 11:35 a.m.
Confession (Sunday), Command Chaplain's Office 8:15-8:45 a.m.
Confession By Appointment Anytime
Religious Education Classes (Sunday) (September thru May), Annexes 1, 2 & 4 10:30 a.m.

Jewish
Weekly Services (Friday - East Wing) 7:30 p.m.
Adult Hebrew Lessons (Saturday in Annex 4) 9:00-10:00 a.m.
Sabbath School (Saturday in Annex 4) 1:00-4:00 p.m.

Chaplain S. A. Casimano, LCDR, CHC, USN
Chaplain Claude R. Beede, LT, CHC, USNR
Chaplain G. E. Williams, LT, CHC, USNR
Student Rabbi Lisa L. Goldstein
Hearing Impaired Equipment, Nursery Available
Phone NWC ext. 2851, 3506

CLPD radar checks continue this month

Motorists on board the Naval Weapons Center (NWC) are reminded that China Lake Police Division (CLPD) officers enforce state and NWC traffic regulations.

According to Kerry B. Swiggum, traffic manager, CLPD Operations Branch, areas of concentration for radar traffic enforcement for the weeks of Dec. 19 through Jan. 6 are listed below.

- Dec. 19-23
•Monday — Knox Road.
•Tuesday — Inyokern Road.
•Wednesday — Poleline Road.
•Thursday — Sandquist Road.
•Friday — Nimitz Avenue.

- Dec. 26-30
•Monday — Sandquist Road.
•Tuesday — Burroughs Avenue.
•Wednesday — Randsburg Wash Road.
•Thursday — Inyokern Road.
•Friday — Knox Road.
 - Jan. 2-6
•Monday — Richmond Road.
•Tuesday — Inyokern Road.
•Wednesday — Poleline Road.
•Thursday — Sandquist Road.
•Friday — Nimitz Avenue.
- Violations may be cited at anytime as well as in areas other than the ones mentioned above.



HEARTY BREAKFAST—Personnel at the Naval Weapons Center's Enlisted Galley performed yeoman duty last week, hosting a large number of distinguished visitors to China Lake at breakfast. Photo by Alan Alpers.



VISITOR BRIEFING—Dr. Herbert Fallin, scientific and technical advisor to Commander-in-Chief Pacific Command, gets a briefing from Dr. Ed Kutchna, head of NWC's Aircraft Weapons Integration Department during his visit last week.

Workers can MIP anything

Crazy makers are those things we run into from time to time that just don't make any sense. They are the forms you have to fill out that no one ever looks at, the process you have to follow involving offices that don't have anything to do with the subject, or the documents that you have to resubmit even though nothing has changed. They make you crazy and they are MIPPI stuff at its finest.

Lee O'Laughlin, our Center's fire chief, found a crazy maker a while back. It involved the mutual aid agreements that the Center has with other agencies and counties for fire fighting assistance. The agreements, he noted, are necessary and useful documents. But what didn't make any sense was headquarter's requirement to re-do the agreement whenever one or more of the people who signed the agreement changed! It meant that whenever a new county official took office or a new commander reported aboard the Center, for example, the agreements had to be renegotiated, even though the contents had not changed. A real crazy maker.

O'Laughlin tried to work the issue through headquarters, but in spite of repeated assurances of imminent action, nothing happened. So, he submitted MIPPI No. 113-88 to do away with this requirement. Within one month after the MIPPI had left the Center, his waiver request was approved. Now the agreements are still reviewed every two years, but if the content is current, they remain in force even if all the original signers have left office.

If you have encountered a crazy maker that causes more work than seems to make sense, let us know. Call, write, "E" mail or drop by the MIPPI office and let's see if we can't arrange a waiver to test out your idea on how to do things better.

•SEF::HAMILTON
•SEF::MATHEWSONW
•SEF::MACBRUCE

mipi

NAVAL WEAPONS CENTER
MODEL INSTALLATIONS PROGRAM INITIATIVE

Code 0121

HOLIDAY PERM SPECIAL

\$30⁰⁰

Includes Cut & Perm • Short Hair
Long Hair Extra

Sunday, Monday & Tuesday Only

Good Nov. 20-Dec. 27

VICTORIA HAIR STATION

133 BALSAM 375-7044 • Kathy, Phil, Marian, or Sharon

THE PICTURE PLACE

YOUR FULL SERVICE LAB - ESTABLISHED 1979
225 BALSAM ST. 375-4707

*SAME DAY QUALITY PHOTOPROCESSING
Your Negatives Are Returned in Protective Sleeves

*OVERNIGHT KODAK SLIDE PROCESSING
FRESH KODAK FILM and BATTERIES

HOLIDAY REPRINT SPECIAL

25 for \$5.75 • 50 for \$10.50 • 100 for \$20.00
3 1/2 x 5" Prints

(Regular size, from color negatives only)

24 HR. DISCOUNT PHOTO

237 N. China Lake Blvd. 375-8683
DRIVE THRU CONVENIENCE

WE DO VIDEO TRANSFERS

NEED QUALITY COPIER SERVICE?

We Have The Three Most Popular Size Capabilities

FILM • PROCESSING • COPIER SERVICE

Michelson honors

(Continued from Page 1)

circuits hold the promise of processing tremendous amounts of information in a package within the weight, size and power constraints of missiles.

Clara Erickson has been a trendsetter in human resource development throughout her 28 years at the Naval Weapons Center according to Eva Bien, head of the Human Resources Department, who submitted the nomination.

Erickson, according to the nominating letter, "successfully puts into practice the abstract theories and concepts of motivation and development for Center employees.

Examples of this significant innovative process, according to Bien, include introduction to the Center of Career Expansion Workshops, Leadership Assessment and Development (LAD) workshops and the Assessment Center concept

used to evaluate the potential success of several hundred Upward Mobility Program applicants.

The nomination notes Erickson continuously incorporates the newest instructional media technology into her programs. Extensive use is made of video, computer-aided instruction, interactive terminals, self-learning labs and a satellite downlink as well as more conventional instructional media.

"Clara is recognized as one of the Navy's top training officers. She is constantly being called upon for advice and consultation by her peers at other government activities. The Center's training and development programs are held up as an example of an excellent training program," added Bien.

Sandy Rogers' creative solutions to long-standing production problems in the Sparrow

Prudential-Bache Securities

Anthony H. Barkate
350, E. Ridgecrest Blvd., Suite 201
Ridgecrest, CA 93555
375-8777

Call us to discuss "Financial Planning," stocks, bonds, bank CDs, annuities, options and tax free income.

Wrangler

100% COTTON JEANS
Reg. 20.95

NOW
TIL
CHRISTMAS

Sale Price **\$18⁹⁵**

National Finals
PRO RODEO
BUCKLE

\$5⁰⁰ Off

With any
Wrangler Purchase

Stop In And Sign Up For Our
Drawing On A 20 lb. Turkey
Drawing To Be Held Dec. 21

CHRISTMAS HOURS
Sunday Dec. 11th & 18th 12-4 p.m.
Mon.-Thurs. 9:30 a.m.-5:30 p.m.
Friday Dec. 16 & 23 9:00 a.m.-1:00 p.m.
Saturday Dec. 17 9:00 a.m.-7:00 p.m. Dec. 24 9:00 a.m.-4:00 p.m.



Two great stores
one convenient location
375-3450 100 San Bernardino Road 375-5200



HAVE YOU GOT THE



HOT CARD

The following advertisers are offering a discount or promotion to their valued customers if you present the **KZIQ HOTCARD** when making a purchase

Arby's Roast Beef
Ridgecrest Town Centre
830 N. China Lake Blvd.
Ridgecrest
375-7572

Hong Kong Express
Chinese Food Delivery
375-1123

AND MANY, MANY MORE!!!
LISTEN TO



and
WIN - WIN - WIN!!!
PRIZES!! and AWARDS!!

Get the **KZIQ HOTCARD** at any of the above advertisers or stop by the offices of **KZIQ** 121 West Ridgecrest Blvd. to get yours now!!!

Community Events

Members of the Black Original Social Society (BOSS) welcomes China Lakers to its annual Christmas Party set for 8 p.m. Saturday, Dec. 17. The gala event this year is at Gentry's Texas Bar B Q in Inyokern. There is a \$6 per person donation. Door prizes and refreshments by BOSS. For more information call Willie Edwards at NWC ext. 2736 or 375-6762 or Ted Mason at 371-1804.

NEX plans 'big night' Movies

Customers will be appreciated at the Navy Exchange on Saturday, Dec. 19, from 6 to 8 p.m. It promises a "Big Night" as door prizes will be given away. The grand prize will be two airline tickets which will be good anywhere in the continental U.S. (Eastern or American airlines). Discounts of 25 to 50 percent off of selected items will also be offered.

Patrons' children are invited to do their Christmas shopping at the Navy Exchange on Tuesday, Dec. 20, from 6 to 7 p.m. After they are finished shopping, the children get to pop a balloon at the register. Each balloon will contain a discount amount, and the children will be able to buy their presents, minus the discount they uncovered. The Exchange urges patrons to bring their children to this exclusive event.

A weekend sale is scheduled for tomorrow and Sunday.

Weather Report

	Max	Min	Gusts
Thurs.	66	53	31 knots
Fri.	72	46	25 knots
Sat.	73	39	8 knots
Sun.	77	32	7 knots
Mon.	77	31	7 knots
Tues.	77	33	9 knots
Wed.	76	32	33 knots

FRI.-SUN. "DIE HARD" DEC. 16-18
Starring Bruce Willis and Bonnie Bedelia
A hard-nosed cop from New York visiting his ex-wife in Los Angeles gets tangled up with international assassins.
(Action/Drama, rated R, 132 min.)

TUESDAY "CHIMPUNK ADVENTURE" DEC. 20
The Chipmunks (Alvin, Simon and Theodore) compete with the Chipettes in an around-the-world hot-air balloon race for a \$100,000 prize.
(Animated, rated G, 77 min.)

WEDNESDAY "LICENSE TO DRIVE" DEC. 21
Starring Corey Haim and Corey Feldman
Two adolescents ache to live life with four wheels under them. One hopes to win his dream girl, if he gets his license...and something more charismatic than the family Audi to take her out.
(Comedy, rated PG-13, 90 min.)

THURSDAY "MR. MAGOO'S CHRISTMAS CAROL & CRICKET ON THE HEARTH" DEC. 22
Mr. Magoo stars in the animated version of Dickens' Christmas Carol. Christmas cartoon.
(Animated, rated G, 97 min.)

FRIDAY "A FISH CALLED WANDA" DEC. 23
Starring John Cleeve and Jamie Lee Curtis
A fortune in diamonds are stolen from London's Hatton Gardens. Now the double-dealing begins as each member of the gang tries to corner the loot for himself.
(Comedy, rated R, 108 min.)

NEW YEAR'S EVE PARTY ENLISTED CLUB

9:00 P.M.
Music By: "Message"

•Hats •Noisemakers •Favors

\$5.00 Per Person (at the door)

- Continental Breakfast
- Designated Driver Program
- Van available for rides home

For further information please call 939-2581

MOBILE, WELFARE & RECREATION, NAVYVILLE, CHINA LAKE, CA

NWC Rocketeer

Master Chief hangs up his uniform

Twenty-three years ago, a 19-year-old Navy recruit from Alabama began his Navy career at boot camp at Naval Training Center in San Diego.

Today that same recruit will be piped out of the Navy as a Master Chief at the hangar at Air Test and Evaluation Squadron Five.

Navy Counselor Master Chief Christopher M. Schultz has been enchanted with the Navy since Cub Scout field trips to Pensacola Naval Air Station from his home state, Alabama.

"I was set on a career in banking, but banking school would not have kept me out of the draft, so I chose to enlist in the Navy in 1965," said Schultz. And he says he's never regretted the decision.

After an initial 5 1/2 year sea tour, Schultz planned on leaving the Navy, but his CO and XO encouraged him to stay in and, partly due to a last minute change in recruiting duty requirements, he received an interesting recruiting billet in Barstow, California.

"I was pleased to receive this assignment as an E-5; I made (petty officer) 1st class during this tour and received a rate change to Career Counselor," he said. He also met his wife, Tess, in Barstow.

He attained his highest Navy exam score on the Navy Career Counselor test. "I was ready for this change," he explained. "My previ-

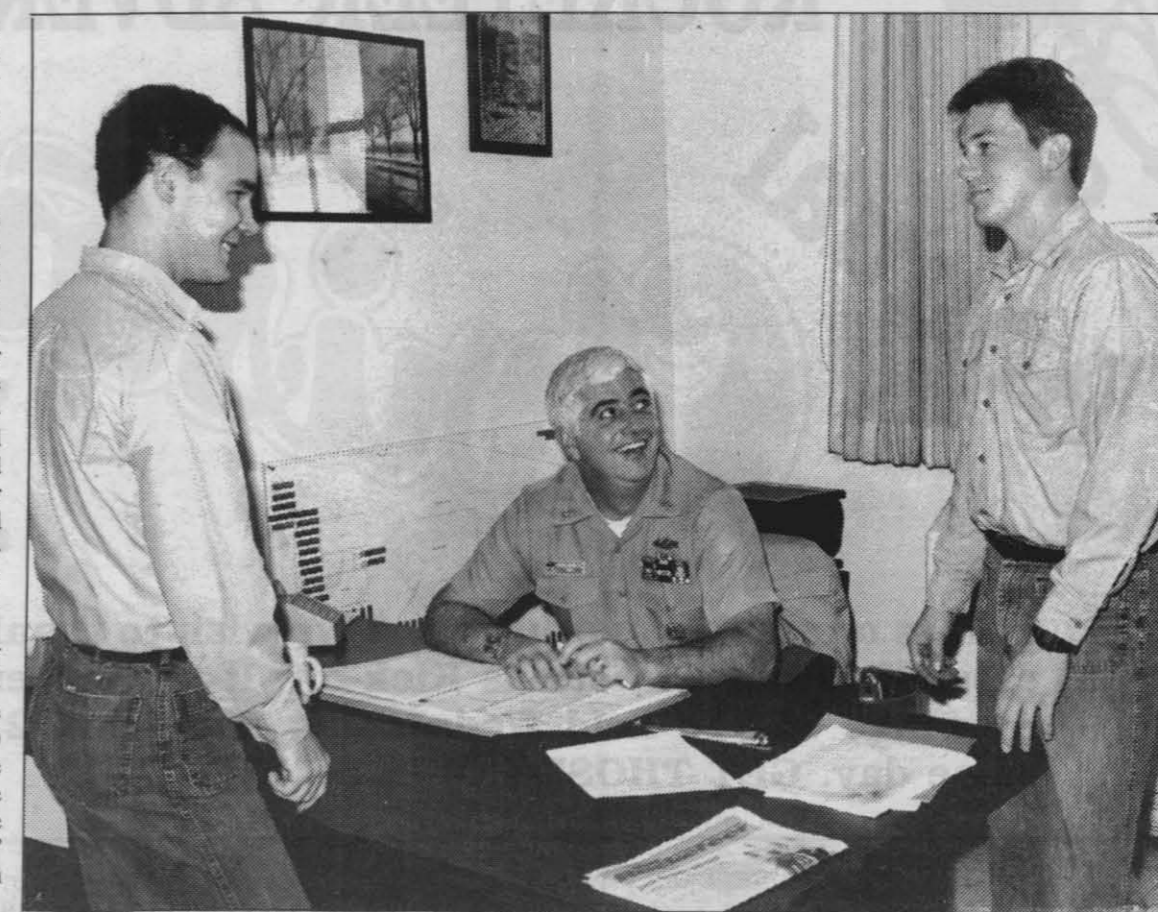
ous rating (Sonar Technician) was a critical one and required intense training, inspections and safety checks. Because we worked with nuclear weapons, this was all a necessary evil, but was a high pressure assignment."

Schultz had also found that he quite naturally had become an informal counselor on his sea tour. "I enjoyed talking to the new sailors and related to them well," he said.

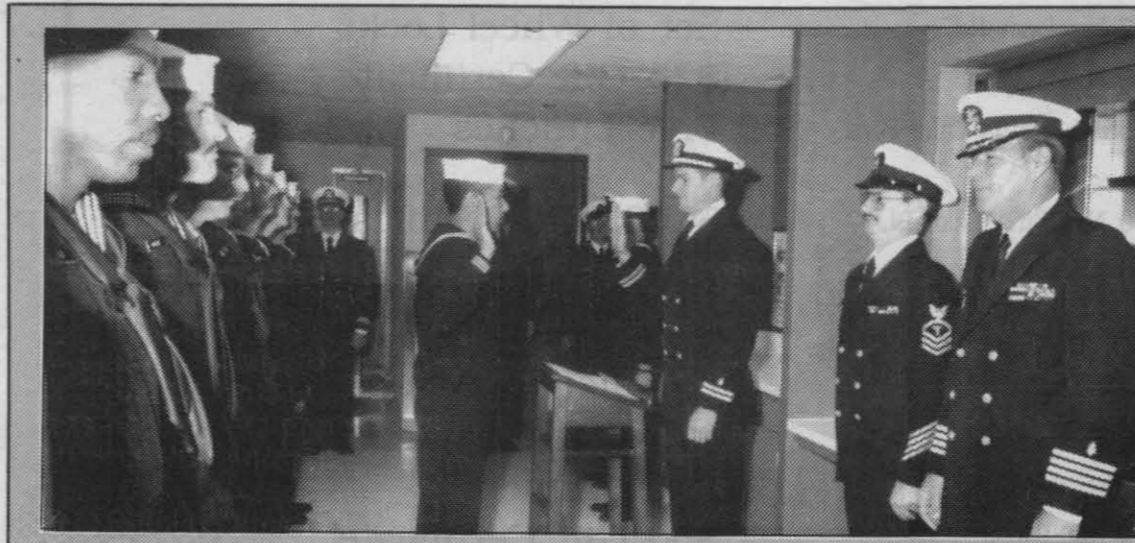
After a successful recruiting tour where he was encouraged to be involved with the Barstow community, he and his new family moved back to San Diego. He was assigned to staff duty with Commander Destroyer Squadron 9. He enjoyed that tour and, as Command Counselor, dealt with varied administrative areas, from Public Affairs to command history.

In 1979, he transferred to the staff of Commander Naval Surface Forces, Pacific responsible for Force Retention. He traveled over 210,000 miles in that job, visiting ships on the West Coast, often with Admiral Lee Baggett. "He had a great influence on me and supported my program," he said. Admiral Baggett will soon retire after a 40-year career.

He picked up Senior Chief during this tour and graduated from the U.S. Navy Senior Enlisted Academy in Newport, Rhode Island next. "This three-month program was fascinating," he said. (Continued on Page 21)



SCHULTZ PREPARES TO RETIRE—Master Chief Schultz discusses his retirement ceremony with YNSA Jon Koster, left, and YNSA Keith Fields. He retires today in an All Hands traditional ceremony after 23 years of Navy service.



REENLIST—Another hitch in the Navy is made official by HM2 Jimmy Prescott as he takes the oath of enlistment from Lt. Charles Dries at the NWC Branch Medical Clinic. Many of his shipmates look on as do HMC Roddy Peterslie, Clinic LCPO and Capt. C.W. Cote. CO of the Long Beach Naval Hospital.

Register all pets soon!



Housing says... Have you filled out and mailed in your pet registration form? If not, please do so whether you do or do not have pets. All pets must be registered with the Housing Office according to NAVWPNCEN Instruction 5820.31. Anyone who does not return a pet registration record form will be contacted by the Housing Office to do so. If you have any questions, contact Amy Mansfield at NWC ext. 3411/324.

IT'S PARTY TIME! **Your Favorite Mobile Music Service Is Back!**

C&C Productions
MOBILE MUSIC SERVICES
"When You Want The Best"
375-3185 or 375-8809

We've got all your entertainment needs covered, call us, we're the pros.

Services Available For: **Christmas Parties!**

- Private Parties
- Weddings
- Night Clubs
- Bar Mitzvahs
- Fairs & Festivals
- Schools & Clubs

You're not partying until we're there!

It's
Chalfant Press, Inc.
ROCKETEER ADVERTISING DEPT'S.

2ND Annual Christmas KICK-OFF

This is our last issue this year! We wish to thank everyone who has participated in our Christmas Kick-off. If you haven't, it's not too late! ALL drawings will be held Wednesday, December 21. Winners to be notified same day. GET THOSE COUPONS IN TODAY!

This Week's Participating Stores:	Address	Gift
SPORTS OASIS	219 N. Balsam St.	Ski-Optiks Sunglasses
HI DESERT INTERIORS	1519 N. Norma	Microwave Oven
TIRE MAN	517 Inyokern Rd.	Set of Wheel Locks
COMPUTER STORE	249 N. Balsam	\$25 Gift Certificate
CHINA SZECHWAN RESTAURANT	1635 N. China Lake Blvd.	Free Lunches
BOSTON STORES	730 N. China Lake Bl.	\$100 Gift Certificate
DESERT AUTO PARTS	500 Atkinson (on Norma, 2 blks. So. of Inyokern Rd.)	16-Foot Jumber Cables
SHAYNA OF RIDGECREST	1539 N. China Lake Bl., No. 147	3 Mos. Free Rent & Installation (Over \$60 Value)
JEWELRY TO GO	115 E. California	\$75 Gift Certificate
KELLEY'S GREEN HOUSE	901 N. Heritage Dr.	Free Dinner
RIDGECREST FURNITURE	138 Balsam St.	\$50 Gift Certificate
SILK JUNGLE	135 Balsam St.	6-Foot Ficus Tree

GRAND PRIZE
5 \$100 Gift Certificates
to be given away by the Rocketeer Advertising Dept.

HI... I'M DON AT TIRE MAN AND I'M HEAR TO TELL YOU THAT IF YOU WANT QUALITY AND SERVICE, TIRE MAN IS THE PLACE... WE OFFER THE FINEST QUALITY BRAKE PARTS AND SERVICE, HI-SPEED COMPUTER SPIN BALANCING, FRONT END ALIGNMENTS, FAMOUS BRAND NAME TIRES ALL AT PRICES YOU CAN AFORD!

FRONT-END ALIGNMENTS *
* ALIGNMENTS *
HI-SPEED Computer *
* SPIN-BALANCE *

QUALITY BRAKE PARTS AND SERVICE!
MONROE SHOCKS AND STRUTS!

WE ARE #1 IN QUALITY AND SERVICE

TIRES • TIRES

COUPON
WIN A FREE SET OF WHEEL LOCKS...
NAME _____
ADDRESS _____
CITY _____
PHONE _____
DRAWING DEC. 21, 1988

CARS, LIGHT-TRUCKS AND RV'S

HOURS
MON. - FRI.
8:30 AM - 6:00 PM
SAT.
8:30 AM - 3:00 PM

BRIDGESTONE • REMINGTON
TOYO • GOOD-YEAR AND
MICHELIN CITY AND OFF ROAD TIRES
CUSTOM WHEELS
THE LATEST RADIAL * SNOW CHAINS *

TIRE MAN
517 INYOKERN ROAD • RIDGECREST, CALIF. 93555 • (619) 446-3546

Great Christmas Idea!



THE ALBUM
Times & Tales of Inyo-Mono

The first three issues of 'The Album' featured a photo essay on the restoration of the famed Cerro Gordo mining town in southern Inyo County, a never-before published journal telling what it was like to come to the Owens Valley in the early 1900s, and the story of the two Bentons in Mono County.

Some of the stories in the fourth issue are "Here My People Lived," a surprising weather anomaly; a little celebration of Inyo County Free Library's 75th anniversary; and a fascinating documentation of the last days of freighting by horse team, written for his family by John Schober.

Available in local stores, museums, visitor centers and Chalfant Press at \$2, \$3 by mail, \$12 (4 issues) subscription.



THE ALBUM
Chalfant Press, Inc.,
P.O. Box 787
Bishop, CA 93514

Please send _____ copies of _____ issue of **THE ALBUM** at \$3, including tax and postage to _____

Please send a gift subscription (four issues, starting with No. _____) of **THE ALBUM** at \$12, including tax and postage to _____

Please send my subscription (four issues, starting with No. _____) of **THE ALBUM** at \$12, including tax and postage to _____

Enclosed is \$ _____



TOP SAILOR—HM3 Rodney Giles was named Sailor of the Quarter for the second quarter of fiscal year 1989 at the Naval Weapons Center Branch Medical Clinic. LCdr. R.J. Titi, clinic officer-in-charge, presented Petty Officer Giles with the certificate honoring him. Looking on are many of HM3 Giles' co-workers at the clinic. The staff was assembled for an inspection by Capt. C.W. Cots, commanding officer, U.S. Naval Hospital, Long Beach. Petty Officer Giles will also compete for the NAVHOSP Long Beach Sailor of the Quarter honors.

Theater's movie schedule during the holiday period

FOR THE WEEK OF DEC. 24-30
Theatre closed Dec. 24-25
TUESDAY DEC. 27
MATINEE
"AN AMERICAN TALE"
An impressive Russian-Jewish immigrant movie experience lots of narrow squeaks in New York during the 1900s.
(Animated, rated G, 81 min.)
WEDNESDAY DEC. 28
"DEAD POOL"
Starring Clint Eastwood and Patricia Clarkson
Harry Callahan is besieged by a crime lord and his henchmen in this fifth installment of the "Dirty Harry" series.
(Action, rated R, 92 min.)
THURSDAY DEC. 29
MATINEE
"SNOW WHITE AND THE 7 DWARFS"
This is the story of the fairest maiden of them all who is hidden from her evil stepmother by seven funny and loving dwarfs, until she is rescued by her Prince Charming.
(Animated, rated G, 83 min.)
FRIDAY DEC. 30
"DEAD POOL"
Starring Clint Eastwood and Patricia Clarkson
Harry Callahan is besieged by a crime lord and his henchmen in this fifth installment of the "Dirty Harry" series.
(Action, rated R, 92 min.)
FOR THE WEEK OF DEC. 31-JAN. 6
SAT.-SUN. DEC. 31-JAN. 1
"BULL DURHAM"
Starring Kevin Costner and Susan Sarandon
In Durham, North Carolina, home of the minor leagues' Durham Bulls, lives Annie the team's #1 fan. Each season she picks a rookie from the team to not only share her personal favors, but to fill their heads with her own metaphysical theories on winning at baseball.
(Comedy, rated R, 103 min.)
WEDNESDAY JAN. 4
"MIDNIGHT RUN"
Starring Robert DeNiro and Charles Grodin
A bail-jumping accountant is pursued by a tough ex-cop turned bounty hunter.
(Action, rated R, 127 min.)
FRIDAY JAN. 6
"BIG TOP PEE WEE"
Starring Pee-Wee Herman and Kris Kristofferson
The adventure continues when a storm brings a circus to Pee-Wee's farm and he tries to master a talent that will make him a circus star.
(Comedy, rated PG, 86 min.)

Last shot at MGIB

WASHINGTON (NNS)—Sailors who missed the boat to sign up for Montgomery GI Bill (MGIB) benefits now have another chance to register because of legislation recently signed by President Reagan. From now until June 30, 1989, sailors can turn a \$1,200 investment into a \$10,000 educational benefit. During this new open period, sailors can enroll under one of three options:
• 1. One-time cash payment for certain members.
• 2. A choice of spreading out payment from as much as \$600 a month for two months to as little as \$100 a month for 12 months.
• 3. Those with less than three months of active duty left may request a short-term extension, and use option 2.
For more information on changes to the MGIB program see NAVOP 124/88.

STUDIO EIGHT

Oval and Circular Mats and Frames
Needlework Framing—All Types
Creative Framing - Shadow Boxes
Specialty Frames

CUSTOM FRAMING and MATTING
Phone 375-4718

Have Us Over For Your Next Party!
C&C Productions
MOBILE MUSIC SERVICE
375-3185



NWC VISITOR — Capt. John Burt, NWC Commander, greets Dr. Herbert K. Fallin, scientific and technical advisor to the Commander-in-Chief, U.S. Pacific Command, during his visit to China Lake last week. Dr. Fallin was a guest at the annual Michelson Laboratory Awards lunch honoring technical and managerial excellence at NWC. Photo by PHAA Cary Brady

Educational opportunity available to Navy sailors

WASHINGTON (NNS)—Sailors whose personal and professional goals include earning an associate degree should consider the Enlisted Education Advancement Program (EEAP). Under this program, sailors receive full pay while attending college full-time, but must pay their own tuition, fees, books and other expenses. Sailors are normally assigned to a junior college or community college near their present duty station. Refer to OPNAV Notice 1510, dated Oct. 30, 1987 for qualification and application procedures. Applications must be completed and forwarded through your commanding officer to: Commanding Officer, Naval Education and Training Program Management Support activity, Code 0434, Pensacola, Fla., by March 1, 1989. For additional information call your command career counselor or NETPMSA at AV 922-1806.

HARP offers military chance to go home

WASHINGTON (NES). . . You can return to your hometown and provide invaluable assistance to Navy recruiting at the same time. Sound good? If so, the Hometown Area Recruiting Program (HARP) or the Officer Hometown Area Recruiting Program (OHARP) may be for you. These programs offer sailors and officers the opportunity to represent the Navy in their hometowns. HARP and OHARP also provide exposure to the recruiting field for people interested in recruiting as a permanent duty. At the same time, participants make recruiting a little easier because they bring with them up-to-date fleet experience and expose potential applicants to real fleet sailors and navy officers with real stories to tell. Volunteers for the HARP program assist Navy recruiters by relating their Navy experiences to their peers. HARP volunteers go home on no-cost TAD orders and are not charged leave for the duration of their HARP assignment (two work weeks and a weekend). However, leave may be taken before or after the assignment. The OHARP program gives officers the opportunity to return to their hometowns, where they assist recruiters in locating and enlisting people for Navy officer programs. Volunteers participate in OHARP on temporary, no-cost TAD orders to temporary duty in conjunction with PCS orders. If you're interested in either program, see your career counselor, COMNAVCRUITCOMINST 1300.1C, or call the Navy Recruiting Command at (202) 696-5197, auto-voicemail 226-5197.

Child care provider orientation

Child care provider licensing orientations are held on the fourth Tuesday of every month by Community Connection for Child Care. These orientations are open to any person interested in providing child care. No appointment is necessary to attend the orientation. December's orientation will be held 1 p.m. Dec. 27 at 829-C Downs, Ridgecrest, Calif.

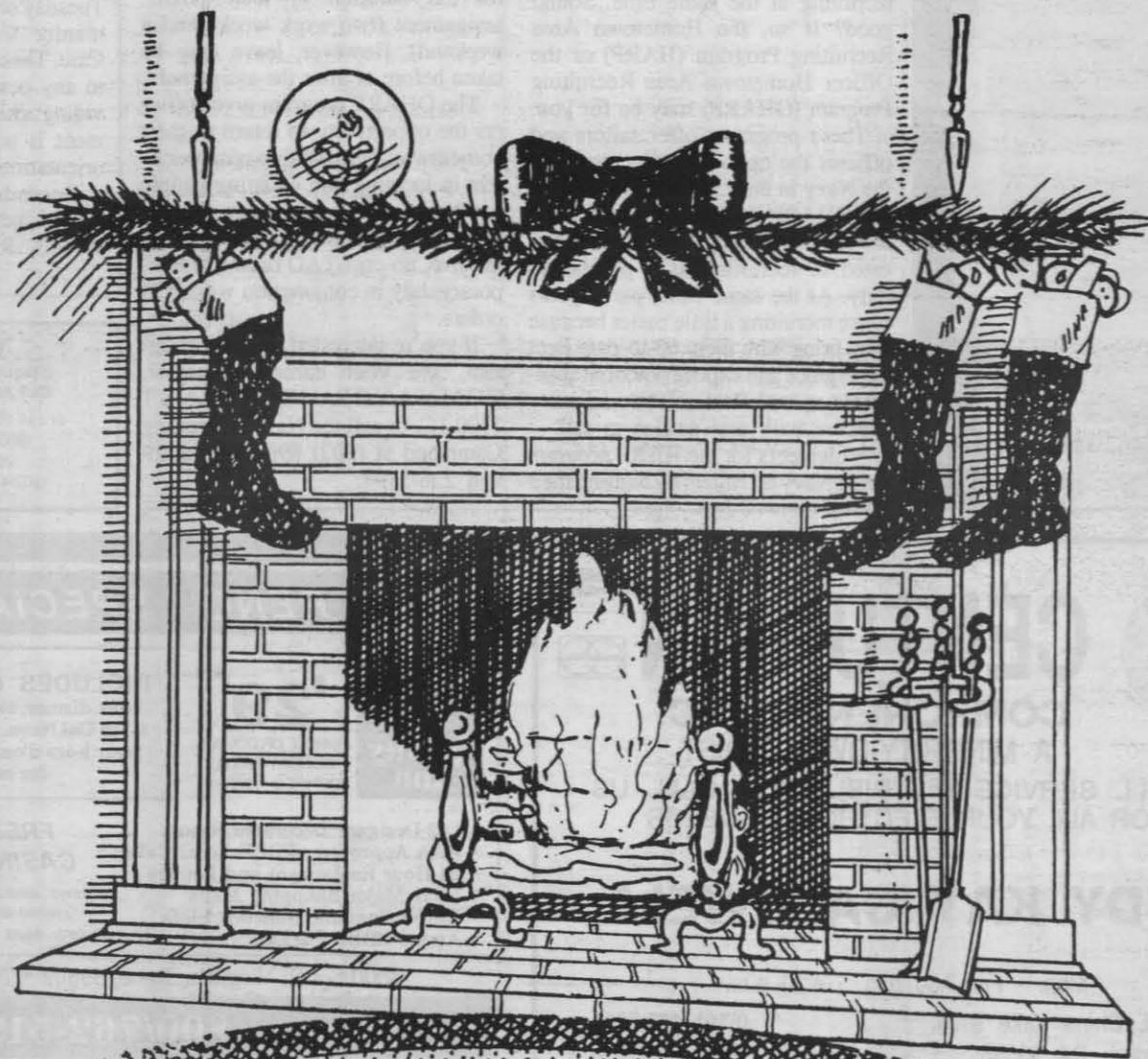
NWC HOTLINE
Integrity, efficiency program
Call: NWC ext. 3636 (24 hrs.)
or call the Inspector General at:
(800)522-3451 (toll free)
288-6743 (Autovon)
(202)433-6743 (commercial)

CENTURION COMPONENTS, INC.
A MINORITY-OWNED DIST.
A FULL SERVICE DISTRIBUTOR - CALL US FOR ALL YOUR ELECTRONICS NEEDS
JUDY KAY CALDWELL
Mon. - Fri. 7:30 a.m. - 4:30 p.m.
1539 N. China Lake Blvd. (619) 446-3311
Ridgecrest, CA 93555 (818) 883-1070

RENO SPECIAL!
Quality Inn \$29*
SINGLE OR DOUBLE SUNDAY-FRIDAY EXPIRES 12/28/88
INCLUDES One lunch, two-for-one dinner, two free cocktails at Club Cal Neva. Cocktail and happy hour hors d'oeuvres in our lounge for each adult.
FREE SHUTTLE CASINO-AIRPORT
*Limited availability, some convention, special event, holiday periods excluded. Must present coupon at check-in.
3800 South Virginia, Reno, 89502 • 702/825-4700 IR
DIRECT TO HOTEL **800/762-5190** NATIONWIDE

CHINA SZECHWAN CHINESE RESTAURANT
Featuring Chef of 20 Years
Mr. Wong
Grand Opening Under New Management
\$1.00 off Early Bird Special 3 p.m.-7 p.m.
A. CHINA DINNER \$6.55 per person
Soup: Wonton Soup
Appetizers: Fried Shrimp, Egg Roll and Fried Wonton
Entrees: One choice for each person
1. Kung Pao Chicken*
2. Almond Chicken
3. Beef with Broccoli
4. Beef with Fresh Onion
5. Pork with Green Pepper
6. Pork Chung King*
7. Shrimp Chop Suey
8. Sweet & Sour Pork
9. Mongolian Park
Lunch Special Only 3.75
Lunch Buffet
Main Course Changed Daily
Tues.-Fri. 11 a.m.-2 p.m.
\$4.50 per person
No Lunch Buffet on Holidays
446-4688
1635 N. China Lake Blvd.
Across From Main Gate NWC

Expecting Company?



**RUSH DOWN TO THE CREDIT UNION
FOR A HOLIDAY LOAN TODAY!**

NWC Community Federal Credit Union

Kernville
11305 Kernville Rd.
376-2251

Mojave
16910-1/2 St. Highway 14
824-2484

Lake Isabella
7000 Lake Isabella
379-4671

Boron
27055 20 Mule Team Rd.
762-5650

Ridgecrest
1323 N. Norma
446-6521

China Lake
1115 King Avenue
446-6521

CNO says Navy counts on people, Congress

NORFOLK (NNS) — Strengthened by eight years of growth and modernization, the Navy will continue to meet its commitments and maintain its readiness in the next administration, according to Chief of Naval Operations (CNO) Admiral Carlisle A.H. Trost.

"Over the long term," Adm. Trost said, "we are going to have to count on the fact that Congress and the American people recognize the value of our contribution, and that they are committed to preserving the key elements of our strength."

Speaking at the U.S. Atlantic Fleet change of command, the CNO said the Navy has escaped from the years of abandonment following Vietnam — a time when sailors suffered from low pay, back-to-back deployments, equipment that wouldn't operate and a lack of spare parts — with renewed interest in the Navy from the American people and the present administration.

"The Navy today... has greatly benefitted from a wise investment by the Congress and the American people in our national defense," Adm. Trost said. "Our ships and aircraft are the most modern and capable in the world... and we have recruited and are retaining the right people, generally in the right numbers, to serve in our fleets."

Adm. Trost said the Navy's current success will continue to be challenged by budget cuts, but that the Navy will "meet the challenges head-on and overcome them."

S-3A crew ticketed

LONDON (NNS)—Two Naval aviators were fined \$21 for parking their aircraft illegally here last month.

The unusual incident occurred when an S-3A Viking from USS *Theodore Roosevelt* (CVN 71) overshot a runway at RAF Dbindon, coming to rest on a nearby road. A British police sergeant came along and ticketed the aircraft for being "parked" on the road. Having made his humorous point, the sergeant tore up the ticket and let the crew off with a warning.

Fortunately, the crew received no injuries other than a tickled funny bone. The VS-24 Viking was on its way to the British air base to be used as a static display in an upcoming air show. The slightly-damaged aircraft was towed back to the air base after the incident.

Master Chief Schultz

(Continued from Page 9)

ing and covered topics ranging from Navy programs to foreign policies," he explained.

His next assignment was to "One great ship—the USS Belleau Wood." While this assignment involved lots of sea duty (he only homeported for 65 days of the three year tour), he considers it his best tour of duty in the Navy. "Francis Raymond Donovan was our skipper, he's now a two star admiral (COMNAVMILPERSCOM), and he has been my inspiration ever since I met him—personally and professionally."

"That ship had arrived at a point in time where it had such a positive spirit that it could not be broken," he said. "We were a respected ship and every person on board was proud to serve on her."

While the Schultz family knew that tour would mean deployments, it was a planned assignment. "I knew I wanted to make Master Chief; sometimes you have to make the hard decisions," he explained. "Shortly after I received this promotion, I was also made Command Master Chief."

While "shopping" tours with his detailer after the Belleau Wood tour, Master Chief Schultz had a good selection of tours, but was pleased to receive orders to Air Test and Evaluation Squadron Five. "I had never been associated with an aviation community," he said, "plus my wife's family is in Barstow."

As Command Master Chief, Schultz is the primary liaison between the enlisted personnel and the Skipper. By advising the Commanding Officer on the morale, welfare, and health of the "troops," he deals with issues from 'A to Z'.

"It is often difficult to maintain military bearing at commands in outlying areas like China Lake," he said, "but I feel I have contributed in this area. VX-5 also had a problem with frequent occurrences of DUI's. Through strong education and publicity, we've almost curbed this problem."

Schultz has also added immeasurably to the positive attitude prevalent at the squadron by stressing recognition, awards and professional development.

The high regard for Master Chief Schultz is evident in the affectionate greetings heard around Hangar One. He tries to advise young sailors to make the most of their Navy career. "I encourage them to re-enlist; to take advantage of the benefits, experience, education, travel and world lessons one can obtain," he said.

Schultz said he learned some valuable lessons while on sea duty during the Vietnam war. One plaque in his office sums up those lessons: "The more you sweat in peace, the less you bleed in war—Chinese proverb."

"It's time," was Schultz's succinct reply to the question of why he was retiring. "I've served 23 years and I've accomplished everything I've set out to do, so it's time," he said.

Despite concern that his sentiment might be construed as "schmaltzy", Schultz added an additional reason for his Navy career—his admiration for a former Naval officer—John F. Kennedy. "I really believe in his adage 'Ask not what your country can do for you, ask what you can do for your country.' I hope I have served my country and feel grateful for the many fine leaders I've served with and the great experiences I've enjoyed."

To symbolize his service, he has been awarded two Navy Commendation Medals, two Navy Achievement Medals, Combat Action Ribbon, two Meritorious Unit Citations and four Good Conduct Medals. In addition, he has earned numerous campaign and service awards.

He and his family will remain in Ridgecrest. "I'm looking forward to spending more time with my children, Brenda, 16, Christopher, 12, and Tascia, 9," he said. He also enjoys golf and fishing.

SCHWINN®

T.J. Frisbee

BICYCLES

For All Your Bicycle Needs!

133 Panamint St. Ridgecrest 375-4202



— Bicycles —
— Skateboards —
— Bike Repair —

PS+

Postal
Services
Plus

Complete Mail Services • UPS • Parcel Post
Money Orders • Notary • Copies • Laminating
FAX • Shipping Supplies

1539 N. China Lake Blvd. (619) 446-6646

Christmas Safety Tip



As a fire prevention measure, after presents are opened, keep wrapping paper from fireplace and tree areas. Ignited wrapping paper can cause a flash fire.

SAME set for lunch in January

Dr. Paul A. Temple, a research physicist in the Physics Division of the Research Department will be guest speaker at the next Society of American Military Engineers (SAME) meeting on Jan. 10.

Dr. Temple will present a program on the Naval Weapons Center's efforts in support of the Strategic Defense Initiative laser radar technology. This unclassified presentation is set for the Commissioned Officers' Mess at 11:30. Reservations are requested; call Tracey Seleska at NWC ext. 3411-207.

RIDGECREST FURNITURE

Up to \$1500 o.a.c. Instand Credit

138 Balsam • 371-1048
Hours:
Mon.-Fri. 9:30-6:00
Sat. 9:30-5:00
Closed Sunday
Delivery Available
Financing Available
Open Sunday 11-5

<p>TRUCKLOAD MATTRESS SALE!</p> <p>2-Piece Mattress & Foundation</p> <p>TWIN As Low As \$89 OR FULL As Low As \$119</p> <p>Choose from a large selection of oak, cherry, pine, and lacquer finishes</p> <p>5 PIECE SETS</p> <p>As Low As \$199</p>	<p>SOFAS FROM \$149</p> <p>2-PIECE SOFA & LOVESEAT SETS</p> <p>Large selection of Traditional, Country, French Provincial and Contemporary styles in today's popular colors and covers.</p> <p>As Low As \$249</p>	<p>RECLINER</p> <p>From \$139</p>	<p>QUEEN SIZE</p> <p>Mattress & foundation as low as \$159</p>
<p>HEADBOARDS</p> <p>Choose from oak, mahogany or large size as low as \$29.</p> <p>SOFA TABLES</p> <p>Large selection of styles and finishes, as low as \$99.</p> <p>CHEST</p> <p>4-Drawer \$39.</p>	<p>5-PC. DINETTE</p> <p>Comp. Value \$299.95 \$129</p> <p>CHAIRS</p> <p>As low as \$79.</p> <p>COCKTAIL TABLES</p> <p>Large assortment of styles and finishes including lacquer. As low as \$69.</p>	<p>TABLES</p> <p>As Low As \$69.</p>	<p>LOVESEATS</p> <p>Assorted styles & covers values to \$799. As low as \$149.</p> <p>LAMP TABLES</p> <p>Large selection of oak, cherry & lacquer finish in a wide range of styles, as low as \$69.</p>
<p>BARSTOOLS</p> <p>As Low As \$69.</p>	<p>QUEEN SIZE</p> <p>From sleeper mattress while they last. \$29.</p> <p>6 DRAWER DRESSER</p> <p>\$69.</p> <p>TABLE LAMPS</p> <p>Values to \$89. Your choice \$39</p>	<p>DAYBED</p> <p>Classic style in white iron with brass finish accents \$88</p>	<p>VELVET SWIVEL ROCKERS</p> <p>As Low As \$99</p>

Bring this ad in and receive an additional 10% off our already Low Prices

Not to exceed \$100. except Sale Items

COUPON

Christmas Kick-Off Drawing \$50 Gift Certificate

Name: _____

Address: _____

Phone #: _____

Drop off at Ridgecrest Furniture Drawing to be held Dec. 21



A CHRISTMAS GREETING FROM CHINA LAKE FIRE DIVISION

Fire Safe



Holiday time boosts need for caution

materials. Trees with built-in lighting systems should have an Underwriters Laboratory (UL) tag on them. Use only indirect lighting on metal trees to avoid the possibility of shock.

Decorations: Ensure that your decorations have a tag on them stating that they are approved by the State Fire Marshal as being flame resistant. Be extremely careful when putting up your Christmas decorations not to over decorate.

Lights: Christmas lights must be UL approved. Extension cords will normally have to be used, but should be kept to a minimum and suitable for the purpose intended. Before placing lights on the tree, check each string to ensure that they are in good shape. If you find a broken socket and/or broken or frayed wiring, discard the string of lights and purchase a new set. Always follow the Christmas tree light manufacturer's directions carefully when connecting strings of Christmas tree lights together. All holiday lights and extension cords should be unplugged before retiring at night and when the room is not occupied.

Open flames: The use of open flame devices such as oil lamps and candles is prohibited except in family housing, by permit for ceremonial purposes, and use in club dining facilities.

All holiday decorations should be removed as soon as possible after New Year's Day. Do not dispose of decorations or wrapping paper by burning them in the fireplace.

Fire Division personnel wishes everyone a Merry Christmas and a Fire Safe New Year. Fire safety at this time of the year is very important and cannot be over stated. If you have any questions or need assistance regarding Christmas trees and holiday decorations, please call the Fire Prevention Branch at NWC ext. 2146.

By NWC Fire Division

Holiday decorations are the number one cause of fires during the holiday season.

Several fire safety reminders are listed below to help make your home fire-safe during the holidays:

Exits: Do not place furniture, decorations, Christmas trees, or other objects where they will obstruct exits, hallways or doorways.

Fresh Cut Christmas Trees: All common trees when fresh and green with limber needles firmly attached have a degree of natural flame resistance because of their moisture content. Only after drying do they become flammable and dangerous. Before buying your tree, shake it to ensure you have a fresh one. If the tree's needles do not fall on the ground, you have selected a good tree. If you aren't going to set the tree up right away, place it outside in a container of water. When you are ready to place the tree inside, cut off about two inches of the trunk at a 45 degree angle to help the tree absorb water more rapidly.

Select a spot for setting up your tree away from exits, fireplaces and heat-producing appliances. Once your tree is set up, check the tree stand daily to ensure there is plenty of water.

Flocked Christmas Trees: Don't let the pretty flocked trees make you think that they are flame proof. The fact of the matter is, they are more dangerous than those that have not been flocked. A flocked tree absorbs water from the tree's needles, rapidly drying the tree and making it and the flocking very flammable. If a flocked tree does not bear the State Fire Marshal's Flame Retardant tag, it can be dangerous.

Make sure your Christmas tree is removed from your home as soon as possible after New Year's Day. This includes cut trees, pine branches and similar foliage.

Artificial trees should be clearly marked as made of slow burning

G. Adams earned FO certificate

Gordon Adams' name was missing from the list of firing officers who received a Certificate for 15 years of safe firing practices in last week's *Rocketeer*. Congratulations to Adams and to all the other firing officers for their safe contribution to the Naval Weapons Center.

Knights of Columbus

Father John Crowley Council, No. 3199
P.O. Box 847
725 W. Ridgcrest Blvd.
Ridgcrest, CA 93555

SUNDAY GAMES 6 PM	HALL RENTAL AVAILABLE CALL 375-8901	MEET 1st & 3rd Tue. 8 PM
----------------------	---	-----------------------------

Santa Selects . . . Beautiful

Silk Poinsettias \$15.95

Four Colors to Choose From

Also we have the Largest Selection
of Potted Silk Trees, Plants and Flowers . . . such
as Pothos, Ivys, Arrows, Fuchsias & much more
*New items arriving weekly

**SILK JUNGLE
Christmas Hours
Thurs. 22nd
Fri. 23rd
Sat. 24th
9 AM - 5 PM**

COUPON

Christmas Kick-Off Drawing
Win A 6-foot Ficus Tree

Name _____

Address _____

Phone # _____

Drop off at Silk Jungle
Drawing to be held Dec. 24

NEXT TO CITY HALL ON BALSAM

VALUABLE COUPON

DESERT GARAGE DOOR

(619) 446-3446
1120-A W. Ward Ave.

STANLEY

16x7 Model 448
GARAGE DOOR

Other Size Doors Available
With Comparable Discounts

VALUABLE COUPON

Phone Friend here

Phone Friend is a warm line for children who may be bored or lonely. Over the school Christmas vacation, Dec. 19-30, Phone Friend hours will be extended to 9 a.m. to 5 p.m., Monday through Friday. Phone Friend will be closed for holidays Dec. 26-27 and Jan. 2. The number is 375-1222.

Staggering cost of drunken drivers

Twenty-six billion dollars. That's how much drunk drivers cost America every year, according to a congressional joint resolution designating National Drunk and Drugged Driving Awareness Week.

Two out of five Americans will be involved in an alcohol-related crash at some point in their lives. Approximately 50 percent of all traffic fatalities occur in alcohol-related crashes. That means more

than 23,000 lives are lost every year in alcohol-related crashes. Drivers between 16 and 24 have twice as many fatal crashes per mile driven as older drivers.

ESTÉE LAUDER

YOUTH DEW by Estee Lauder
Eau de Parfum Spray 1.5 oz. \$13.50
2.25 oz. \$16.50
Dusting Powder 9 oz. \$16.50

(Available at Camarillo, Lancaster, Rossmoor, Victorville, and Whittier Stores.)

Evyvan

WHITE SHOULDERS by Evyan
Perfume 2.5 oz. \$34.50
Spray Cologne 2.27 oz. \$21.00
Luxury Powder 8 oz. \$15.50

GUERLAIN PARIS

SHALIMAR by Guerlain
Perfume Classic 25 oz. \$65.00
Eau de Toilette Atomizer 1 oz. \$21.00
Cologne Spray 2.5 oz. \$29.50

GLORIOUS

GLORIOUS by Gloria Vanderbilt
Cologne Spray 1 oz. \$18.00
Cologne 1.7 oz. \$21.00
Body Lotion 4 oz. \$20.00
Dusting Powder 4 oz. \$21.00

\$1000 SHOPPING SPREE

A drawing will be held on December 21, 1988 for a \$1000 Boston Store gift certificate. Just in time for the holidays! Fill out the entry blank below and drop it in the drawing box in the Ridgcrest Boston Store.

NAME _____

ADDRESS _____

PHONE _____

No purchase necessary. Must be 18 or over to enter. Entry good at Ridgcrest Store only. 736 N. China Lake Blvd.

"Stocking up on Fragrances at Boston Stores."



HALSTON

1-12 & Z-14 by Halston
Cologne 2 oz. \$18.50
Spray Cologne 3.9 oz. \$30.00
After Shave 4 oz. \$21.00

POLO Ralph Lauren

POLO by Ralph Lauren
Cologne 1.5 oz. \$19.50
Spray Cologne 4 oz. \$33.00
After Shave 4 oz. \$25.00

SENSATIONAL STOCKING STUFFERS

Home Fragrances by
Claire Burke
\$5.50-\$19.50
Manicure Sets by Cosmyl
\$25.00-\$35.00
Atomizers
\$10.00-20.00
Potpourri Animals by St. John
\$7.50-25.00

"Don't forget
our famous
FREE GIFT
WRAPPING."

BOSTON STORES

Your friendly neighborhood department store with famous brands.

ANAHEIM (714) 776-2270	DIAMOND BAR (714) 861-5143	MISSION VIEJO (714) 581-6600	PLACENTIA (714) 993-4141	RIDGECREST (619) 375-3567	VICTORVILLE (619) 241-7667
CAMARILLO (805) 482-1626	HEMET (714) 652-2988	LANCASTER (805) 945-8653	POWAY (619) 748-2960	ROSSMOOR (213) 430-1001	WHITTIER (213) 947-2891
				(714) 826-1771	

NSAP Exposure to operational Navy key benefit of Navy Science Advisor post

Traveling around Nikko, Tokyo, Yokosuka and Hong Kong are not usually casual weekend trips for China Lakers, but for Mel Foremaster, a NWC employee serving as Navy Science Advisor to the U.S. 7th Fleet in Japan, these trips are only a few of the ones he and his family are enjoying during his two-year assignment.

Foremaster is finishing up the second year of his assignment and was in China Lake last weekend to visit with several departments. As Science Advisor, he advises the Commander of the 7th fleet and his staff on technical areas that the various Navy Research and Development (R&D) communities could address.

"We are enjoying this challenging tour," said Foremaster. "While there are many things about Ridgecrest and the U.S. that my family miss, we are definitely taking advantage of learning about new cultures and traveling to places we'd only read about."

"Plus my job is very rewarding," he said. "It really is multi-faceted and is giving me a deep appreciation for the issues facing our operational Navy."

According to Foremaster, a career spent entirely at a R&D community can limit one's perspective. "I've really had my eyes opened to the tactical and training issues involved in

implementing a new system," he said. "I've also been very impressed with the dedication and professionalism of the professional Navy officers I've worked with," he added. "They work long hours, have very little time off. They are sharp individuals with tough jobs to do."

Foremaster is one of many Navy Science Advisors working all over the world at one and two year assignments. Their mission is to identify

"giving me a deep appreciation for the issues facing our operational Navy"—Mel Foremaster

and resolve urgent technical problems affecting fleet operations and readiness by establishing direct lines of communications between the operational forces and Navy R&D communities. The Navy Science Assistance Program (NSAP) also exposes systems development personnel like Foremaster to the operational environment.

One project that he is coordinating with the Naval Weapons Center is the development of a small portable "Partial Task Trainer" to provide F/A-18 pilots with on-the-ground HARM/ EW systems training. "Currently, the pilots have to train on these systems

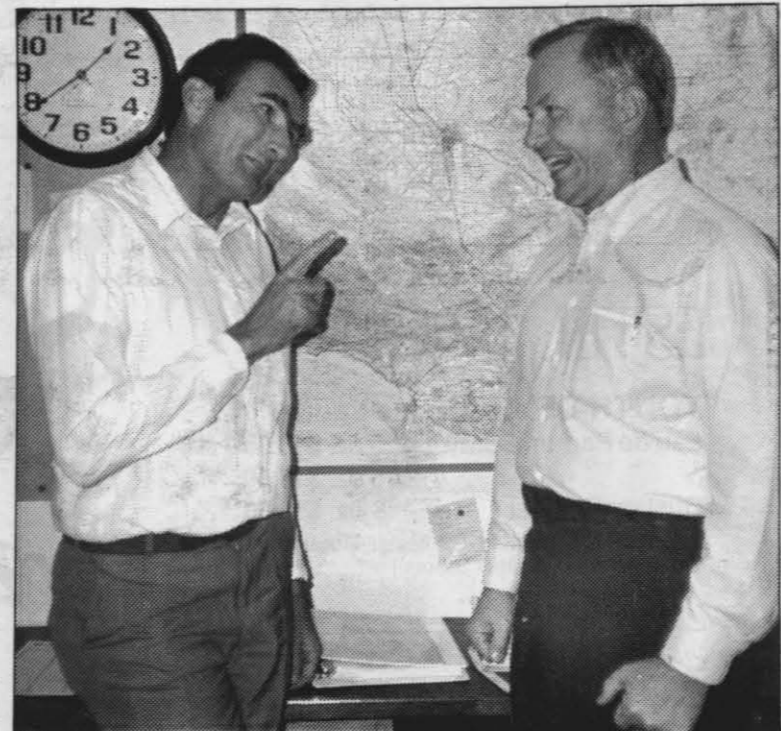
while flying; this may not be the most efficient or tactical use of flying time," he added.

One of the best things about the program, according to Foremaster, is the active network among the the Navy labs and among all the Navy Science Advisors. "We communicate regularly with each other to share resources and advice," said Foremaster. "Working for a fleet commander on the other side of the world some-

times can be a communications challenge—for example, we're 12 hours behind the East Coast time. But the network works extremely well with the aid of E-mail and other efforts."

Foremaster had two reasons for applying for the program: a better feel for the operational Navy and an opportunity to see another part of the world. "It was a family decision," he said. "I feel I've accomplished both of my goals. My wife, Barb, and my children, Kim, 14, and Scott, 12, have enjoyed the travel and exposure to different cultures."

Foremaster joined NWC in 1971 as a Junior Professional with the Fuze and Sensors Department. He earned his B.S. degree in Electrical Engineering from the University of



SCIENCE ADVISORS SHARE COMMON PERSPECTIVE—Mel Foremaster, left, makes a short visit to NWC last week and discusses his work in Japan with Bob Byrne, a past science advisor. Foremaster, a NWC employee, is completing a two-year assignment as science advisor to the Commander of the 7th fleet in Japan.

Nevada/Reno and his Master's degree in Communications Systems from the University of Southern

California. Before Foremaster's NSAP assignment, he was part of the Aircraft Weapons Integration Department and expects to return to that Code in July.

NSAP recruits applicants for the program from all Navy R&D centers for assignments all over the world. NWC employees can contact Nedra Dusen (Code 22) for more information on application procedures.

Foremaster is joining many China Lakers who have completed NSAP tours. Gerry Schiefer, NWC Technical Director and Jack Russell, the Center's Test and Evaluation Director are two past advisors. Robert Byrne, Systems Engineering, recently completed a NSAP tour with COMNAVAIRPAC in San Diego and earned the Navy Superior Civilian Service Award for his efforts there.

Mick Rindt, head, Avionics Integration Branch; John Prescott, program manager, AIWS Project Office; Doug Savage of the Intercept Weapons Department; and Jim Bowen, recently retired from the Technical Director's office, are all past Navy Science Advisors.

Pat Yates is currently assigned to the Commander, Mideast Force in Bahrain.



Jewelry to Go

115 E. California • 375-1308

Now Til Christmas

40-50% OFF

ON EVERY ITEM
UP TO 70% ON SELECTED ITEMS

Check Our In-Store SUPER DISCOUNTS!

FREE JEWELRY CLEANER WITH ANY PURCHASE OVER \$50

14KT GOLD
Our Pledge To You
• Top Quality Jewelry
• Personal, Friendly Service
• Super Special Values

JUST ARRIVED!
Large Order of
BLACK HILLS GOLD
Many With
Precious Gems
Diamonds, Rubys, Etc.

ONLY 8 SHOPPING DAYS LEFT!
TRY THESE ON FOR SIZE!

- Diamond Earrings from \$200 to \$3,000 (reg. \$400 to \$6,000)
- Diamond Rings & Wedding Sets from \$85 to \$6,000. (Reg. \$170 to \$12,000)
- Genuine Australian Fire Opal Rings, Pendants, Earrings & Bracelets from \$45 to \$1,200 (Reg. \$90 to \$3,200)
- Gold Nugget Earrings, Rings & Bracelets from \$35 to \$625 (Reg. \$70 to \$1,250)

- Filigree Diamond Cut 14K Gold Earrings, Pendants & Rings from \$25 to \$175 (Reg. \$65 to \$350)
- Large Selection of 14K Gold Charms from \$10 to \$450 (Reg. \$25 to \$900)

STOCKING STUFFERS

- Sterling Silver Rings, Earrings, Bracelets & Necklaces from \$3 to \$150 (Reg. \$7 to \$300)

OPEN CHRISTMAS EVE
9:30 am-3:00 pm

Only 5 Days Left To Get Your Coupons In!

COUPON

Christmas Kick-Off Drawing
Win A \$75 Gift Certificate

Name _____

Address _____

Phone # _____

Drop off at Jewelry To Go
Drawing to be held Dec. 21

- 14K Gold Jewelry • Sterling Silver • Earrings
 - 14K Gold Watches • Precious Gems
 - Genuine Diamonds • Eelskin Purses & Wallets • Wedding Sets
 - Men's Rings • Women's Rings
- Specializing in Fine Christian Jewelry

AL & MARY ALVARADO



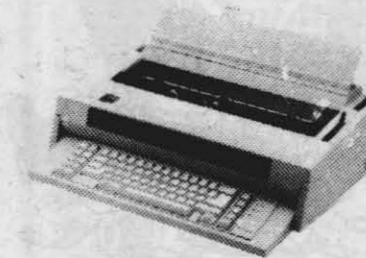
INSTANT CREDIT
PAY NO INTEREST!
90 Days Same As Cash
On First Purchase



Bank One, Dayton, OH
Dayton, Ohio 45401

... ALL UNDER ONE ROOF!

How can a typewriter make such an impression and still be so quiet?



FROM BUSINESS TO PLEASURE ...

Sand Sierra

BUSINESS MACHINE
Sales & Service

371-1302

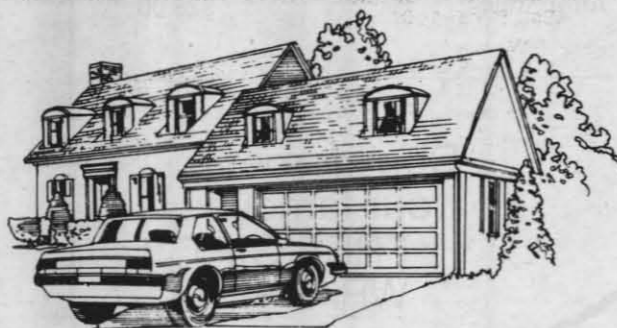
115 E. California St.

15% Off any IBM Typewriter

Example: Wheelwriter 3 — Reg. \$795
Now \$675.75

- | | |
|----------------|--------------------------|
| Wheelwriter 6 | Quietwriter Systems 40 |
| Wheelwriter 7 | Wheelwriter 30 Series II |
| Wheelwriter 8 | Wheelwriter 50 Series II |
| Wheelwriter 10 | Wheelwriter 70 Series II |

Paying too much for your auto or home insurance?



Check with us. We take pride in providing the kind of Kemper coverage you need . . . at a price that's hard to beat. Give us a call today and find out how much you could save.



Daryl Silberberg
Broker



Ellen LaFortune
Broker



Gwen Dyck
Broker

Count on us for real dollar savings!

Indian Wells Valley Insurance
1310 N. Norma Street
Ridgecrest 446-3544



LET SANTA SUGGEST



"Give The Gift Of Art"

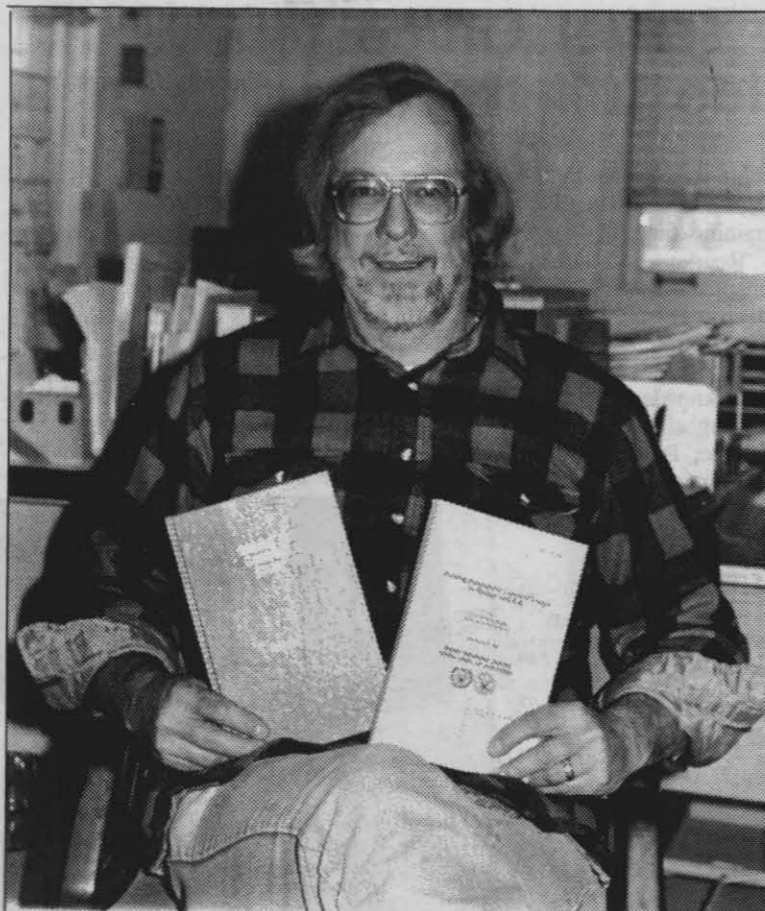
OILS, ACRYLICS,
WATERCOLORS, PASTELS,
AIRBRUSHES
"Gift Certificates"

HOME DECORATING CENTER

136 N. China Lake Blvd.

375-8000

Hughes writes new book



SHOWING HIS WORK — Richard Smith Hughes, a consultant in Code 35205, shows the published copy of his book, *Analog Automatic Control Loops in Radar and EW*, and the government's copy of the book.

Analog Automatic Control Loops in Radar and EW is the newest book written by Richard Smith Hughes, a consultant for analog circuit designs at the Naval Weapons Center (NWC). The book is a practical starting point for people wanting to analyze and design basic building blocks of many radar, electronic warfare (EW), active and semiactive missiles and antiradiation missiles (ARMS), namely, Automatic Gain Control (AGC), signal thresholding and range tracking.

Hughes noted that although most modern radar, EW and related systems employ digital (software) technology to perform many of the functions once performed by analog circuitry, the digitizing of analog functions requires users to have a fundamental knowledge of analog circuit design and operation. "Analog Automatic Control Loops in Radar and EW provides this information," Hughes said.

The book is divided into three chapters. Chapter One presents AGC from a theoretical and practical standpoint, covering: static regulation, dynamic regulation, loop bandwidth, and rise time, with the

theoretical results verified by several design examples. The text shows the methods of varying IF and RF gains, the results of square law and linear detection on the various AGC parameters, and the effect of self-AGC (the IF or RF signal having a controlling influence on the circuit's gain).

Chapter Two concentrates on the necessity of providing a noise-riding threshold to compensate for the excess noise due to IF/RF amplification preceding a basic crystal video receiver. As a starting point to help define and design signal thresholding, a simple and straightforward noise tracking threshold is presented, illustrating the techniques involved and the results that may be expected.

In presenting the analysis and design of both Type I and Type II range tracking loops from a phase-locked loop perspective, Chapter Three gives examples verifying the design theory.

Hughes received his bachelor of science in electrical engineering from the University of Nevada (Reno) in 1960 and immediately started work at NWC as an analog circuit design engineer on various anti-radiation missile systems, active airborne radars and Soviet radar simulators. Since 1980, he has held the position of consultant for analog circuit design.

Analog Automatic Control Loops in Radar and EW is the fourth book Hughes has had published. He has written 24 feature articles and has been issued 21 patents. Some of his more noteworthy awards and honors are the L.T.E. Thompson Award (1988), American Defense Preparedness Association, Crozier Prize (1988), the H.G. Wilson Invention Award (1988), The University of Nevada-Reno Professional Achievement Alumnus of the Year Award (1988), and the William B. McLean Award (1971).

"Since I worked on the book part of the time during work hours, and I used government pictures, tables and information gained for government use," Hughes explained, "I didn't receive any money for publishing the book. The government, however, benefited rather well. The publishing company supplied them with unbound copies and the government put their own covers on them. Now the government has a supply of books to pass out to people who work in this area and they (the government) didn't have to pay for the publication."

According to Hughes, he published the book because "You cannot dedicate a government publication and I wanted to dedicate it to my wife, Janet, for putting up with all the hassles related to my work for the past 20 years."

Kelley's GREENHOUSE cafe

901 N. Heritage Dr., Ridgecrest, CA

Holiday Special
Sunday Champagne Brunch

regularly \$8.95 adult; \$5.95 child
NOW ONLY \$6.95 adult; \$4.95 child

Good through Jan. 1, 1989
446-5404

COUPON
Christmas Kick-Off Drawing Dinner for 2

Name _____
Address _____
Phone # _____
Drop off at Kelley's Greenhouse Drawing to be held Dec. 21

THE FRAMERY
CUSTOM PICTURE FRAMERS

ALL TYPES OF FRAMING AND MATTING
CALL US AT 446-4222

12 December 1988

To Whom It May Concern:

We wish to express our deep appreciation to all who have donated annual leave to us. We have personally thanked those whose names are known to us. Some of the leave was given anonymously, and the names of some donors may have been lost when Jeanie's medical retirement was approved. We can only tell you that these wonderful gifts of leave from our caring friends have cheered and encouraged us both. We are very thankful to all our benefactors. Jeanie's health is slowly getting better as she is able to rest more. These gifts of leave have made it possible for George to continue working, and avoid having to take a medical retirement. These transfers of leave continue to make it much easier for him to survive this flu season.

*Sincerely yours,
George and Jeanie Stillwell*

Junior Navy, Marine officers eligible for USNI essay contest

Junior officers in the Navy and Marine Corps are eligible to compete in the annual Vincent Astor Leadership Essay Contest sponsored by the

U.S. Naval Institute. Essays must be on leadership in the Navy, Marine Corps or Coast Guard and must be received no later than

Feb. 1, 1989. There is a 4,000 word limit to each essay. Top prize is \$1,500, a Naval Institute gold medal and life membership

in the Naval Institute. For a complete set of contest rules write to: Membership Department, U.S. Naval Institute, Annapolis, MD



CHRISTMAS CHEERS.

SAVE 25-40%

SUPERWRAP! CAN DO IT!

FREE GIFT WRAPPING.

\$1000 SHOPPING SPREE

A drawing will be held on December 21, 1988 for a \$1000 Boston Store gift certificate. Just in time for the holidays! Fill out the entry blank below and drop it in the drawing box in the Ridgecrest Boston Store.

NAME _____
ADDRESS _____
PHONE _____

No purchase necessary. Must be 18 or over to enter. Entry good at Ridgecrest Store only. 730 N. China Lake Blvd.

WOMEN

Missy velour separates. Jewel tones in tops and pants. Sizes S-M-L. Orig. \$32-38. Sale 33% off.

Selected Missy blouses in assorted styles and colors. Reg. \$25-54. Sale 33% off.*

Missy fleece tops. Novelty crew neck tops in assorted patterns and colors. One size fits all. Orig. \$26. Sale \$16.97. (Large sizes available in selected stores. Orig. \$28. Sale \$18.47.)

Brelly Fall and Holiday dresses. Choose from an assortment of prints and styles. Orig. \$65. Sale \$42.97.

Entire stock of Women's Fall coats. Sale 25% off.*

Brush back satin sleepwear. Sizes S-XL. Orig. to \$42. Sale 50% off.

Holiday sleepwear. Sizes S-M-L. Orig. to \$22. Sale 33% off.

Selected Junior fleece tops. Sizes S-M-L. Orig. \$24-32. Sale 33% off.

Selected Junior sweaters. Choose from an assortment of Holiday styles. Sizes S-M-L. Orig. \$25-30. Sale \$19.97.

Entire stock of Women's slippers and shoes. Sale 33% off.*

Selected styles of Carryland handbags. Orig. \$26-50. Sale 33% off.

Selected styles of Bohemian glass pearl or jet Bohemian glass necklaces and pierced and clip earrings. Sale 50% off.*

Entire stock of jewelry boxes. Sale 25% off.*

MEN

Members Only pullover tops. Orig. \$50. Sale \$21.97.

Entire stock of Robert Bruce, Janzen and Musingwear short sleeve knit shirts. Reg. \$21-28. Sale 40% off.*

Haggar belted tri-blend dress slacks. Orig. \$40. Sale \$27.97.

Haggar cotton/poly belted duck slacks. Reg. \$30. Sale \$21.*

Corduroy Slacks. Orig. \$26-28. Sale \$19.97.

Entire stock of Arrow and Van Heusen regular price dress shirts. Sale 25% off.*

Entire stock of Wembley ties. Sale 25% off.*

Entire stock of Prince Gardner wallets for Men. Sale 33% off.*

Selected Young Men's sweaters. Orig. \$28-35. Sale \$19.97.

CHILDREN

Selected Girls' sleepwear including robes, gowns and pajamas. Sale 25% off.*

Children's knit hats and scarves. Sale 33% off.

Christmas toys in assorted styles. Sale 33% off.

Entire stock of sweaters for Boys. Sizes 4-18. Orig. \$15-28. Sale \$10.97-18.97.

HOME

Nite lights. Great stocking stuffers. Values \$14-26. Sale 50% off.

Bath towels in assorted patterns and colors. Value \$10. Sale \$3.97.

Old Dutch decorative copper kitchen items. Sale 25% off and more.

"Georgetown" glass serveware by Toscana. Sale 33% off.

Christmas tablecloths, placemats, napkins, napkin rings, towels, kitchen ensembles and 1989 calendar towels. Sale 25-40% off the everyday low white sale price.

Entire stock of decorative Christmas merchandise. Choose from assorted figurines, ornaments, musicals, candles and glass serveware. Sale 40% off.

*Discount taken at register. Some items not available in some stores.

BOSTON STORES

Your friendly neighborhood department store with famous brands.

ANAHEIM (714) 776-2270	HEMET (714) 652-2988	MISSION VIEJO (714) 581-6600	POMONA (714) 593-0212	RIDGECREST (619) 375-3567	VICTORVILLE (619) 241-7667
CAMARILLO (805) 482-1626	LANCASTER (805) 945-8653	PLACENTIA (714) 993-4141	POWAY (619) 748-2960	ROSSMOOR (213) 430-1001	WHITTIER (213) 947-2891
DIAMOND BAR (714) 861-5143					



DANCING THE NIGHT AWAY — 133 people attended the Naval Weapons Center's Christmas party held last Friday. The party-goers enjoyed a three-meat buffet, after which they danced to the music of Doree Taylor and her group "Class Act." Photo by Peggy Shoaf



MERRY CHRISTMAS

PARTY WITH US
NEW YEARS' EVE
Commissioned Officers' Club

DECEMBER 31

DINNER
7:00 P.M.
Prime Rib
with all the trimmings

*Champagne Splits
*Full Buffet Breakfast
*Party Favors

ENTERTAINMENT
"SUNLIGHT EXPRESS"
until 2:00 a.m.

\$20.00
PER PERSON

For reservations, or further information
please call 939-3105.

Morale, Welfare & Recreation
NAWPNCEN, CHINA LAKE, CA.

HO! HO! HO! — Christy and Bubba Lathrop are busy telling Santa Claus what they would like for Christmas at the "Breakfast With Santa" held last Saturday. Mrs. Claus helped Santa by passing out candy canes to the good little boys and girls. The breakfast was sponsored by Youth Activities, Morale, Welfare and Recreation Division, Human Resources Department. Youth Activities' employees and youth helped serve the 100 attendees. Photo by Peggy Shoaf

VX-5 plans a sports match

"Come One, Come All—Let's Play Ball" is the rallying cry at VX-5 as the squadron plans for its Christmas Basketball Tournament.

The group invites spectators to watch the excitement on Dec. 24 in the NWC Gym from noon to 5 p.m. as two squads reach for the holiday victory.

Bargains set at Thrift Shop

When you purchase items from the Center Thrift Shop, you benefit yourself and local non-profit agencies. The shop offers value-priced items from uniforms and other items of clothing to household goods.

Located on Lauritsen Road, near Navy Relief, the shop is open Monday and Wednesday from 8:30 to 11:30 a.m., Tuesday 6:30 to 9 p.m. and Thursday 10:30 a.m. to 12:30 p.m.

Tax-deductible donations of clothing or household goods are welcome. All proceeds benefit the Navy Relief Society, the Combined Federal Campaign, and local non-profit agencies.

Experience can equal credits

In addition to the conversion of military experience to college credits, many other educational opportunities are available through the Defense Activity for Non-Traditional Education Support.

Another means of receiving college credit for knowledge gained on the job or through independent study is the College Level Examination Program, or CLEP. It is one of the more popular DANTES test programs and is widely accepted by colleges and universities.

Another major DANTES program is the Independent Study Support System. Through this program, service members can complete correspondence courses from accredited colleges and universities. More than 6,000 courses are available.

Contact your local education services officer for information about other DANTES programs and for help with planning a course of study or advice on how to best attain your educational objectives.

SATOTRAVEL

A Full Service Travel Company

Stressing personal customer service for personal travel needs is the goal at the Leisure Travel Office in Bennington Plaza (near the Gymnasium).

"We want all China Lakers to understand that we are a full-service travel agency ready to help everyone obtain airline tickets, cruise and tour packages, rental cars and other travel services," said Gene Loving, CTC, Manager, SATO Travel.

While affiliated with SATO, the Leisure Travel Office is designed primarily for unofficial travel. As part of its contract with the Naval Weapons Center, a portion of the Travel Office's revenue is returned to the Morale, Welfare and Recreation (MW&R) budget.

Randi Rourke is the office's full-time travel agent and promises to deliver her utmost service. "Customers deserve and need someone to work hard to find the best fares available," she said. "I believe I can do that."

Loving mentioned that the office

Leisure Travel Office ready to provide full travel services

is not set up on a profit-orientation. "We are here to provide a service," he explained. "We pride ourselves on being a professional organization and dealing with customers in a professional manner."

Both Loving and Rourke have many years in the travel industry. Loving attained his CTC (Certified Travel Counselor) designation this year from the Institute of Certified Travelers. The office is adding one

more travel agent by the end of the year so that the staff may increase training time.

Rourke works with the Red Cross chapter and the Navy Relief Society to arrange emergency travel and has placed herself "on call" to meet last minute needs.

Acknowledging the difficulty in finding affordable fares at the last minute, Loving and Rourke both encourage China Lakers to make

travel plans as far in advance as possible. "It's not too early to think about booking summer vacation plans with a minimal deposit now," added Rourke. According to Rourke, travel costs can be reduced with prior planning.

Using the Leisure Travel Office can benefit travelers while assisting China Lake's MW&R programs. For more information, contact the office at 446-7751.



LEISURE TRAVEL OFFICE READY TO HELP—Gene Loving, CTC, and Randi Rourke are prepared to help members of the China Lake community with their personal travel plans. The office, located in Bennington Plaza near the Gymnasium, returns a portion of its revenues to the Morale, Welfare & Recreation fund.

CFC donors "Make A Difference" in '89

Ending the campaign with over \$238,000, Combined Federal Campaign officials feel many China Lakers have definitely "Made a Difference."

Dick Boyd, campaign chairman, congratulated the department keyworkers for their enthusiasm and commitment. "These energetic CFC representatives are responsible for the increase in participation in this year's campaign," said Boyd.

This increase in participation meant an increase of \$22,000 or 10 percent improvement. "The key-

United Way campaign, also thanked Center employees for their generosity. "We do not have totals broken down by agency yet, but we appreciate all the dollars given to local United Way agencies," he said.

United Way was also the contractor for the administration of the campaign and provided materials and coordination.

Someone is waiting... for you to make a difference.

workers expressed their commitment to the CFC goals at the first kick-off meeting and continued to convey the CFC message throughout the Center," he said.

"Through our contributions, we can all make a difference in the lives of our neighbors in the valley, the country and around the world," Boyd said.

A wrap-up meeting is planned for all department keyworkers and Boyd hopes to initiate planning for the 1989 campaign by soliciting feedback at this meeting.

"While we do feel good about China Lake's totals, we can do even better next year," he said. "Employees at China Lake have a history of helping out those less fortunate. Giving to CFC represents an excellent way to help. The emphasis never has been on total dollar amount, but instead is on the percentage of those participating."

Jim Stafford, a NWC employee in the Physics Department and chairman of the Indian Wells Valley

An Eye Doctor Who Listens...

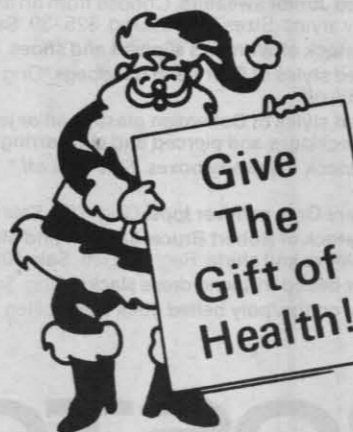


Dr. Michael R. Gallup
Optometrist

MOST VISION PLANS ACCEPTED
Visual Examinations

Contact Lenses Fashion Eyewear
Evening Appointments Available Se Habla Espanol

945 N. Norma Ridgecrest (across from Osco) **446-2020**



"Something To Drink To"

A Purified Water System by **Shayna** of Ridgecrest 371-1877

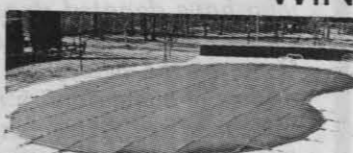
Name _____
Address _____
Phone No. _____

3 Months Free Rent and Free Installation (Over \$60.00 Value)
1539 N. China Lake Blvd., No. 147

DESERT MIRAGE

POOLS • SPAS • STOVES

- POOL WINTERIZING
- WINTER CHEMICALS
- WINTER COVERS & INSTALLATION



LOW WINTER SERVICE RATES
WE DO REPAIRS & MONTHLY SERVICE

212 Balsam
375-4818

Announcing the end of manual labor.

Now you can get all the programming information you'll ever need. In less time than you ever imagined. With Microsoft® Programmer's Library, a database of programming knowledge on a single CD-ROM disc.

Get instant access to development manuals for MS-DOS 2 and Microsoft Windows, Microsoft language manuals, the MS-DOS Encyclopedia, and more. Twenty floppies' worth of sample code that you can copy and paste right into your programs. And all references are indexed and cross-referenced for fast retrieval and intelligent linking of information.

Take a look at Microsoft Programmer's Library today.

Buy now and get your first update FREE*

List \$395
On Sale **\$289**



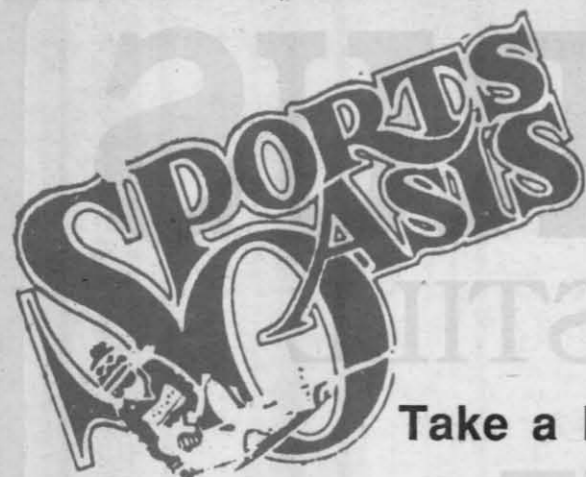
• over 1200 programs • 6 complete books • over 40 manuals (most only available with expensive software packages) • quick look-up program (memory resident or not as you wish)

*Excluding shipping and handling fee. Offer only valid in the 50 United States. Microsoft, the Microsoft logo, MS-DOS and Microsoft Press are registered trademarks of Microsoft Corporation. © 1988 Microsoft Corporation. All rights reserved.

Computing Technology's

Computer Store

249 Balsam 375-5744 next to the Music Man



YOUR CHRISTMAS SHOPPING HEADQUARTERS!



Take a Look at These Christmas Gift Ideas . . .

STOCKING STUFFERS UNDER \$5	UNDER \$10	UNDER \$25	UNDER \$40
Sport Socks	Hats & Headbands	T Shirts	Freestyle Watches
Ski Wax	Ski Sox	Wool Hats	Gates Gloves
Fun Baskets for Poles	T Shirts	Fanny Packs	Sweatshirts
Stickers	Tennis Accessories	Powder Pants	Selected Sweaters
Skate Hats	Swim Goggles	Wind Shirts	Fleece Lined Jackets
Skateboard Tools	Paddle Boards & Floats	Bibs	Hot Chillys
Sex Wax	Skateboard Accessories	Wool Gloves	Vision Shoes
Posters	Wallets	Skateboard Specialties	VANS
Patches	Gary Peterson Calendars	Gift Certificates	Swatch Watches



MAMMOTH IS OPEN !!
GET YOUR SKIS READY !!

Now Carrying

SWATCH WATCHES

All this plus a complete line of skis, boots, bindings, and poles for the whole family by such popular names as **Fischer, Rossignol, & Elan; Raichle, Lange, Dynafit, & Caber; Salomon, Marker, Look, Geze, & Tyrolia; Allsop & Scott**



SKIS
BINDINGS

	Reg. Price	Our Price
FISCHER Vacuum SL	\$425	\$369.95
ROSSIGNOL 4S	\$425	\$369.95
ROSSIGNOL 3G	\$395	\$299.95
ROSSIGNOL 4G	\$425	\$369.95
SALOMON 957E	\$195	\$169.95
SALOMON 957C	\$195	\$169.95
MARKER M46R	\$200	\$169.95
MARKER M46	\$190	\$159.95

219 N. BALSAM STREET
371-2420

COMPARE OUR PRICES TO ANYONES!

COUPON

Christmas Kick-Off Drawing
Win A Pair of Ski-Optiks Sunglasses

Name _____

Address _____

Phone # _____

Drop off at Sports Oasis
Drawing to be held Dec. 21

Desert Sierra Gun Club Mattick takes home first place in match

Jeff Mattick took top honors in the pistol match held recently by the Sierra Desert Gun Club. Mattick's score of 278 in the .22 competition led the rest of the competitors. Mattick had a 257 in the centerfire/.45 competition, and his total aggregate score was 545.

Ralph Legler kept Mattick on his toes by shooting 277 in the .22 competition, 265 in the centerfire/.45 competition and by having an aggregate score of 542.

Third place went to Jim Baldwin. Baldwin shot a 263 in the .22 competition and a 271 in the centerfire/.45 competition. Baldwin had the best score in the centerfire/.45 part of the match. His aggregate score was 534.

With an aggregate score of 526, Tom Bowers earned fourth place. He had a score of 272 in the .22 competition and a 254 in the centerfire/.45

competition. Bruce Hornberger closely followed Bowers with an aggregate score of 523. In the .22 competition, Hornberger scored 275 and had a score of 248 in the centerfire/.45 competition.

Harry Calistro took fifth place with an aggregate score of 515. He shot a 264 in the .22 competition and a 251 in the centerfire/.45 competition.

In only his second match, Michael Sharp shot an aggregate score of 361. He earned a score of 224 in the .22 competition and shot a 137 in the centerfire/.45 competition.

Pistol matches are held each month by the gun club. People interested in learning more about the club should call Charles Beach at 375-2900 or the clubhouse at 446-3455 (after 7 p.m.)



READY, AIM, FIRE — Bruce Hornberger, Sierra Desert Gun Club's pistol executive, takes his turn at the pistol match held recently by the gun club. The equipment in front of him is a spotting scope, a device shooters use to check the accuracy of their aim. Hornberger shot a 275 in the .22 competition and a 248 in the centerfire/.45 competition. He earned fifth place with an aggregate score of 523. Photo by PHAA Cary Brady

Holiday hours for MWR activities set

CRAFT/HOBBY CENTER (CRAFTECH)
December 24 & 31.....10 a.m.-4 p.m.
December 25, 26.....Closed All Day
January 1, 2.....Closed All Day

GOLF COURSE
December 24 & 31.....Closing at 2 p.m.
December 25.....Closed All Day
December 31, January 1, 2.....Normal Hours

HALL MEMORIAL LANES
December 24, 25, 26 & 31.....1 p.m.-9 p.m.
January 1, 2.....1 p.m.-9 p.m.

YOUTH CENTER
December 24, 26, 31.....12:30 p.m.-5 p.m.
December 25.....Closed All Day
January 1, 2.....12:30 p.m.-5 p.m.
(Continued on Page 27)

Lentz, Henderson, Eyre and Hill win with a tie breaker

In last Saturday's golf match at the China Lake Golf Course, the team of Fred Lentz, Pauline Henderson, Helen Eyre and Bob Hill beat the team of Gene Allen, Rex Kaylor, Joe Bisping and Todd Self when they won the tie breaking hole. Both teams had a score of 128. The match consisted of the two best balls out of four, with a total par of 144.

The team of Gene Boyts, Dick Zurn, Sonja Giuliani and Chris Peterson took third place with their score of 129. They were closely followed, however, by the team of Carol Beck, J. D. Ward, Jim Kincheloe and Bud Eyre, who had a team score of 130.

Merrill Lloyd, Bob Huntley, Bob Hooper and Earl Mackowsky were clear winners in Sunday's match with a score of 123.

The teams of Ron Rader, Pauline Henderson, Mike Munson, and Jim Armstrong; and Scott Oliver, Dennis Sorge, Tom Jones and Ed Donahue took second and third place with a tied score of 126.

Matches are held each weekend at the China Lake Golf Course. For more information on how to enter the

competition, call Mark Lynch, manager of the Golf Pro Shop, at NWC ext. 2290.

The golf course will have different hours for the upcoming holidays. Christmas hours will be: Dec. 24 — tentatively from 6:30 a.m. to 2 p.m.; Dec. 25 — closed; and Dec. 26 — 6:30 to 5 p.m. New Year's holiday hours will be: Dec. 31 — tentatively from 6:30 a.m. to 3 p.m.; Jan. 1 — 6:30 a.m. to 3 p.m.; and Jan. 2 — 6:30 a.m. to 3 p.m. For more information, contact the Golf Pro Shop at NWC ext. 2290.



New Years Eve
at the
TOP-4 CLUB

Cocktails: 6 P.M.
Dinner: 7 P.M. - Prime Rib
Dancing After Dinner to "SIVA"

\$16.00 Per Person

For more information call 939-3633 or 939-3634



A SPECIAL GIFT FROM THE EASTERN SIERRA...

Send One...

Send Two...

Send Several or a Set!



Naming the Eastern Sierra

The STORY of INYO



LOCAL HISTORY

ANCIENT BRISTLECONE PINE FOREST
by Russ ad Anne Johnson
Information, sketches, photographs of the oldest known living things.
paper \$2.95, tax .19, mailing \$1.75
TOTAL \$4.89

NAMING THE EASTERN SIERRA
Marguerite Sowaal
Mini-histories of the origin of place names in Inyo and Mono counties.
paper \$8.95, tax .58, mailing \$2.00
TOTAL \$11.53

STORY OF INYO
W.A. Challant
A reprint of what is considered the historical source book of events in Owens Valley by the pioneer founder of Challant Press.
paper \$18.95, tax .123, mailing \$2.25
TOTAL \$22.43



HOME TOWN in the High Country
Jane Fisher
A hilarious account of life, people and politics in High Sierra country.
paper \$7.95, tax .52, mailing \$1.75
TOTAL \$10.22
cloth \$12.95, tax .84, mailing \$1.75
TOTAL \$15.54

NOSTALGIA WATER SEEKERS
Rami A. Nadeau
Dramatic but factual story of Los Angeles search for water by a fifth generation Californian.
paper \$9.95, tax .65, mailing \$2.25
TOTAL \$12.85

DEATH VALLEY IN '49
William Lewis Manly
Reprint of the source book of details of wagon trains traveling west and the sufferings of the people who gave Death Valley its name; the true first-hand account of the struggle to survive.
paper \$13.95, tax .91, mailing \$2.25
TOTAL \$17.11

To Order Your Gift Books
Write to or Call . . .

CHALFANT PRESS

P.O. Box 787
Bishop, CA 93514
(619) 873-3535

Also Available At Local Bookstores

'89 SUBARUS

ARE HERE AND STILL

BELOW

DOWN

BELOW

YEAR END PRICES

REBATES, DISCOUNTS AND DEALS ON REMAINING '88s

YOUR ANTELOPE VALLEY
SUBARU DEALER

COMPETITIVE PRICING AND OUTSTANDING SERVICE

GRUBL BMW-SUBARU

SIERRA HWY. AND AVE. I

OPEN 7 DAYS

948-6004

CLASSIFIEDS

429 Apartment for Rent-Unfurn.
FOR RENT: 2 bedroom apartment for \$390 a month, 1st and last required, security, \$200. Call Larry at 375-9109.

441 House for Rent Unfurnished
READY TO RENT! Freshly painted, great western tract home. Three bedroom, two bath, fireplace. New carpet. No pets. \$625 a month. 446-4810.

441 House for Rent Unfurnished
READY TO RENT! Quality built freshly painted 3 bedroom home. 2 baths, spacious family kitchen, fireplace in living room, carpets, walk-in closets, large covered patio. Double garage, double lot. No pets. \$625/mo. 446-4810.

445 Room for Rent
FEMALE 25 plus to share two bedroom apartment \$200 per month, plus \$200 security deposit. 371-2579.

445 Room for Rent
HOMEY TOUCH - Comfortable, clean and quaint, color TV, refrigerator, maid service, from \$120 weekly. El Ranchito Motel, 1445 Inyokern Rd., 446-6209.

RESPONSIBLE female non-smoker to share nice two bedroom apartment. Half utilities and \$275 rent. Call between 8 a.m. - 2 p.m. 375-0496.

WANTED: Roommate ASAP. Furnished 2 bedroom, 1 bath duplex with fireplace, garage & small backyard. All rooms furnished but second bedroom. \$225 a month + 1/2 utilities, etc. 1st & \$100 deposit. Call Pat 375-3185 or 375-8809.

449 Space for Rent
CARPETED OFFICES & TILED SHOP SPACES. Richmond Road Professional Buildings. 1,000 sq. ft. per suite. Easy access to NWC South Gate. \$500 per month. M2 Zoned. Call collect: (602) 855-3670.

461 Mobiles for Rent
ARE YOU TIRED of renting? Are you looking for a home of your own? Come to Tumbleweed Mobile Home Sales and let us find a home to fit your needs. We are at 107 Inyokern Rd., or call 446-2350.

NEAR COLLEGE three bedroom, two bath mobile home on 2 1/2 acres. Dining room, laundry room, stove, refrigerator & dishwasher. \$575 a month. No pets. 446-4810.

485 Autos For Sale
DATSUN 1971 pick-up, 5 spd, tinted windows, new tires. RUNS GREAT! \$500 or make offer. Call 371-2420 or 371-1628, ask for Jon.

DODGE 1979 van, 58,000 miles, custom interior, V-8, cruise, am/fm, mags, excellent condition, reasonably priced. 446-2225 or 375-3993.

FORD 1973 Pinto, good condition, high performance engine. Too much to list, only 500 miles on engine. \$700 or best offer. 446-2696.

HONDA ACCORD LX. 1985. Loaded, excellent condition. \$8400. 375-8992.

MAZDA B2200 PICK-UP, 1988. A/C, 5 speed, 3000 miles. \$6800. Steve, 375-5905.

PUBLIC HEALTH NOTICE
Up to \$16.35 per hr.
San Bernardino County Public Health Dept. is recruiting for a Public Health Nurse to work part time in Trona.
Hours are flexible to meet your needs.
Requires: Registration in Nursing and a valid Public Health Nurses Certificate.
For more information or an application, contact Patricia Vargas at:
San Bernardino County Personnel Dept.
157 N. 5th St.
San Bernardino, CA 92415-0440
Ph. (714) 387-5593
E.O.E. m/f/h

Free round trip to San Francisco
can take military or civilian man and wife or two people of the same sex for Christmas. Senior citizen needs driver with valid license to drive motorhome, free to stay in motorhome 3 or 6 days.
Leave Ridgcrest Fri., Dec. 23, 1988
Contact Budd Gott
446-7562

469 Motorcycles
HONDA motorcycle XL250R, like new, \$1,200. Call Jon at 446-4700 or 371-1628.

MOTORCYCLE Re-upholstered, same day service. Reber Upholstery. 375-6446.

SUZUKI CAVALADE LX 1986, has everything. Excellent condition. \$5000 firm. 446-7196.

473 Motorhomes & Campers
VW CAMPER VAN 1972 with side tent, excellent condition. Asking \$2500. 375-9830.

489 Trucks and Vans
DATSUN 1971 truck \$1,000. New tires, 100 watts of stereo, tinted windows, 5 speed, runs great! 446-4700 or 371-1628.

497 Auto Repair
CUSTOM Auto Upholstery, satisfaction guaranteed. Reber Upholstery. 375-6446.

505 Autos, Wanted
PRIVATE Party now buying wrecked or junk vehicles. 375-8394 evenings and weekends.

PHONE 375-8808 TO PLACE YOUR CLASSIFIED AD.

Autumn Motors, Ltd.
is pleased to announce our new and improved Service Department....
With special price on lubrication, oil change and genuine factory filter replacement
A REAL SAVINGS AT \$21.89
(TAX INCLUDED)
Pick-ups, vans and diesels (slightly higher)
Monday - Friday 7am - 5:30 pm
The Special Price Applies To Our GM, Nissan, Dodge, Honda and VW Products..
A Great Opportunity To Save...
Call for an appointment, ask for Jeff or Floyd
'It's Autumn In Ridgcrest All Year 'Round'

Autumn Motors, Ltd.
201 East Ridgcrest Blvd.
375-1327

PROFESSIONAL OFFICES AND SUITES FOR LEASE
Call Collect 602/855-3670

CEDAR MORTGAGE
1615 Downs St. #B
Ridgcrest, CA 93555

MAXIMIZE your buying Power with a Loan Tailored to Your Needs
We have numerous programs to choose from. Come in for a FREE consultation with no obligations!!!

PHYSICAL THERAPISTS
Excellent opportunity for dynamic Physical Therapists to join the expanding Rehabilitation Department at Doctors Medical Center. Our well-staffed and well-equipped Physical Therapy Department serves acute patients, outpatients, cardiac rehabilitation and a 25-bed rehab unit. Great potential for personal and professional growth with participation in inservice and student affiliation programs and community outreach programs.
We offer a competitive salary and benefits package. Enjoy Modesto's excellent climate and moderate cost of living, with easy access to Northern California's prime recreation areas.
Please send resume or call Mary Giventer, PT.

DOCTORS MEDICAL CENTER
P.O. Box 4138
Modesto, CA 95352
(209) 578-1211, ext. 4200
EOE

Call Caroline Nilsen
446-4046 or 375-6893 Res.

Umpires needed to officiate upcoming baseball season

According to members of the Indian Wells Valley Umpire Association (IWUA), more people are needed to help officiate games in the upcoming season. "Last year, we had 27 umpires and officiated approximately 200 games," said Rick Booth, the founder of IWUA. "This year, we are looking at roughly 300 games," he added.

Booth stressed that he would really like to see some of the older youth, (over the age of 15) get involved in umpiring this year. "Most of them have played the game and know the basics. Now they can share their

experiences with other youth," he said.

In addition, Booth added, the umpires this year will be paid a nominal fee. "If an umpire says he will be at a game, and is to be paid for it, then he is more likely to realize he has made a commitment and will be there," Booth said.

Men and women interested in becoming an umpire, or who just want to see how a person becomes an umpire, should attend the next IWUA meeting scheduled for 7 p.m. on Thursday, Jan. 5, at the old courthouse on Ridgcrest Blvd. (located next to Western Auto).

MWR schedule. . .

(Continued from Page 25)
AUTO HOBBY
December 24th & 31st.....Closing at 4 p.m.
December 25, 26.....Closed All Day
January 1, 2.....Closed All Day

INDOOR POOL
December 24, 26, 31.....11 a.m.-5 p.m.
December 25.....Closed All Day
January 1, 2.....11 a.m.-5 p.m.

GYMNASIUM
December 24, January 1.....12 p.m.-5 p.m.
December 25.....Closed All Day
December 26, January 2.....11 a.m.-6 p.m.
December 31.....8 a.m.-6:30 p.m.

THEATER
December 24, 25, 26.....Closed All Day
December 31.....Movie at 7 p.m. (BULL DURHAM)

COMMISSIONED OFFICERS' CLUB
Closed December 23-January 3 except for New Year's Eve Party on December 31st.

TOP-4 CLUB
Closed December 24-January 3 except for New Year's Eve Party on December 31st.

ENLISTED CLUB
Closed December 24, 25, 26, 31, January 1, 2 except for New Year's Eve Party on December 31st.



Marksmanship class offered

Firearms and hunter safety will be taught at the Beginner's Rifle Marksmanship School scheduled to begin Jan. 22. The classes, conducted by the Sierra Desert Gun Club, meet from 1 to 4:30 p.m. each Sunday afternoon for 12 weeks. The course is open to all Indian Wells Valley residents 12 years of age or older.

The cost is \$30 per shooting student. Rifles, targets and ammunition are provided by the gun club. Adults, 18 years and over, may audit the classroom and non-shooting portions of the classes for a \$5 registration fee.

Space is limited. Registration will be taken Jan. 17 and 18 from 7 to 9 p.m. and on Jan. 21 from 9 a.m. to 1 p.m. in the lobby of the Ridgcrest Police Station.

For further details, call 375-3989 or 446-7475.

CHECKING THEIR AIM — Participants of the pistol match held recently by the Sierra Desert Gun Club check their firing accuracy. This type of match is held monthly. People interested in finding out more about the club should call Charles Beach at 375-2900 or the clubhouse (around 7 p.m.) at 446-3455.

Hikes planned by local BLM

Interpretive hikes are being offered this fall by the Ridgcrest Resource Area of the Bureau of Land Management.

BLM staff interpreters will lead these hikes to the Trona Pinnacles, Fossil Falls and the Eureka Sand Dunes.

For more information and a schedule of these hikes, contact the Bureau of Land Management, Ridgcrest Resource Area, 112 E. Dolphin, Ridgcrest, Calif. 93555 or call 375-7125.

Ron DeBaets, CLU
Government Personnel Mutual Life Insurance Agent & Mutual Fund Representative
No Aviation Extra For Aviators Age 28+
TSA's for School Employees & Valuable Information on CSRS versus FERS
1240 S. China Lake Blvd., Suite D
Ridgcrest, CA 619-375-7088

Lifesaving class set

Plan ahead for employment opportunities by enrolling in the Red Cross Advanced Lifesaving Class. The class will be Dec. 19-20 and Dec. 26-30. Held at the indoor pool from 8 a.m. to noon, the fee is \$25 (including the Red Cross handbook). For further information, contact the gymnasium at NWC ext. 2334.

THAI-ASIAN MARKET LUNCH SPECIALS

THAI-BUFFET ALL YOU CAN EAT! Mon.-Wed.-Fri \$4.50 10 a.m. - 3 p.m.	MONGOLIAN BUFFET ALL YOU CAN EAT! Tue.-Thur. \$4.50 10 a.m. - 3 p.m.
---	---

201 A. China Lake Blvd. (Next to Dominos Pizza) 375-7447
"Market in Rear"

NWC FEDERAL CREDIT UNION is
Now Accepting Bids On The Following Vehicles:

No Repos this week.
Happy Holidays

ALL BIDS WILL BE CONSIDERED!! Vehicles may be seen at the base office 1:30 p.m. - 4:30 p.m. Monday thru Friday, except holidays. For further information please contact the Collection Department

Planning A Christmas Party?
C&C Productions
MOBILE MUSIC SERVICE
375-3185
Available For:
• Private Parties • Weddings
• Night Clubs • Bar Mitzvahs
• Fairs & Festivals • Schools & Clubs



Personnel News & Notes

Promotional opportunities

Applications for positions listed below are being accepted from Department of Navy employees currently working at NWC and from eligible employees of attached activities who are permanently assigned to NWC. This group includes employees with career or career conditional appointments; employees with permanent Veterans Readjustment Act (VRA) appointments; temporary employees with reinstatement eligibility; and handicapped employees with Sch. (A) continuing appointments. Also included are spouses, with competitive status, of civilian sponsors hired by a DOD activity within NWC's commuting area. Applications from other groups will be accepted when specified in an advertisement. Vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements, including minimum qualifications requirements, by the closing date of the advertisement. Evaluation of applicant's qualifications will involve using at least two assessment measures. Assessment measures are work experience, annual performance assessment rating and narrative, education, training, performance assessment and awards.

Eligible spouses (of military sponsors) with competitive employment status may apply for employment preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they applied. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

HOW TO APPLY: Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form; a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative description does not clearly state the tasks/duties performed); and a completed Background Survey Questionnaire. A supplemental narrative which relates your qualifications to each knowledge, skill or ability (KSA's) as cited in the advertisement is always desirable and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation scores. Prior to submitting your application, complete Cover Sheet Form 12335/2, available at the reception desk. Make sure your address, phone number, etc. are current, correct and that all forms are complete and accurate. If information is missing, your qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and a signature on the last page completes the application. Civilian Spousal Program Eligibles with competitive employment status must submit a copy of their sponsor's PCS orders with each application in order to be considered for Merit Promotion vacancies which do not state that status eligibles may apply.

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandy. Announcements close at 4:30 p.m. on Friday, one week after the opening date of the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. Copies of applications may be submitted since applications are kept in an announcement file and cannot be returned or filed in personnel folders. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any non-merit reason.

No. 24-011, Supervisory Police Officer, DG-083-3, Code 2413 - Multiple Vacancies. This position is located within the NWC Police Division, Safety and Security Department. Incumbents primary function is that of first line supervisor in the Patrol Branch, responsible for one of three watches (shifts). Incumbent will primarily perform duties in the field, supervising the actions and performance of patrol officers, and will ensure that all investigations handled by patrol units are properly conducted. Incumbent will, while on patrol, act as a patrol unit and will be alert to law violators, evidence of the occurrence of a crime or conditions with would adversely affect the welfare of the Center. **Job Relevant Criteria:** Knowledge of all aspects of police work, particularly patrol procedures and criminal investigations; knowledge of state and federal criminal law; ability to motivate and supervise; ability to communicate with others effectively; ability to communicate in writing; willingness to support NWC's EEO policies and goals. Supervisory probationary period may be required. Promotion potential DG-3.

No. 26-032, Pipefitter Helper, WG-4204-5, Code 26425 - This is a prejourneyman position which requires the incumbent to complete all phases of the prejourneyman program (training, classes, etc.) within an allowable timeframe. Failure to complete this program may result in removal from the position and the service. Incumbent will assist journeyman Pipefitter in performing the duties of a pipefitter and some of the duties of a plumber. Helps in the installation of pipe, fittings and fixtures to construct or maintain piping systems such as steam heating, stream power, hot water heating, hydraulic, high pressure air, nitrogen lines and oil line systems. **Job Relevant Criteria: Ability to perform the work of the position without more than normal supervision; shop aptitude and interest; ability to follow directions in a shop; dexterity and safety; and ability to work as a member of a team. Promotion potential to WG-9.**

No. 26-031, Painter Helper, WG-4102-5, Code 26424 - This is a prejourneyman position which requires the incumbent to complete all phases of the prejourneyman program (training, classes, etc.) within an allowable timeframe. Failure to complete this program may result in removal from the position and the service. Incumbent will assist journeyman, or work under direct

supervision, in duties involving work on walls, ceilings, woodwork, baseboards, doors, furniture, waterproofing, cementing or floor scraping, etc. **Job Relevant Criteria:** Ability to perform the work of the position without more than normal supervision; shop aptitude and interest; ability to follow directions in a shop; dexterity and safety; and ability to work as a member of a team. Promotion potential to WG-9.

No. 26-032, Pipefitter Helper, WG-4204-5, Code 26425 - This is a prejourneyman position which requires the incumbent to complete all phases of the prejourneyman program (training, classes, etc.) within an allowable timeframe. Failure to complete this program may result in removal from the position and the service. Incumbent will assist journeyman Pipefitter in performing the duties of a pipefitter and some of the duties of a plumber. Helps in the installation of pipe, fittings and fixtures to construct or maintain piping systems such as steam heating, stream power, hot water heating, hydraulic, high pressure air, nitrogen lines and oil line systems. **Job Relevant Criteria: Ability to perform the work of the position without more than normal supervision; shop aptitude and interest; ability to follow directions in a shop; dexterity and safety; and ability to work as a member of a team. Promotion potential to WG-10.**

No. 28-011, Supervisory Accounting Technician, DG-525-2/3/4, Code 28621 - This position is located in the Cost

Accounting Branch of the Accounting Division of the Office of the Comptroller. The incumbent serves as a supervisor in the control and maintenance of Cost Accounting records and subsidiary ledger for the Commercial Orders Section. Duties include supervising 18 to 20 Accounting Technicians (DG-525-1/2/3) and 4 Lead Accounting Technicians (DG-525-2/3). The incumbent provides on-the-job training and reviews the work of the employees; prepares performance plans and monitors the work performance of the employees; maintains a current knowledge of and answers questions concerning procedures, policies, and directives used in the section; reconciles subsidiary ledger accounts to general ledger accounts; prepares and reviews time and attendance records; reviews and updates desk procedures; validates cost and accounting records; and researches aged financial transactions to clear accounts. **Job Relevant Criteria:** Knowledge of the Integrated Disbursing and Accounting System; knowledge of the Document Entry System; knowledge of NAVCOMP regulations; knowledge of NWC personnel, policies, and procedures; ability to communicate effectively, both orally and in writing; ability to meet financial deadlines; ability to interpret and apply a body of regulations and procedures under varying conditions; ability to deal effectively with a wide range of people; knowledge of and willingness to support NWC EEO program goals and objectives. The incumbent may be required to serve a one-year supervisory probationary period. Previous applicants need not reapply.

No. 28-016, Accounting Technician, DG-525-2/3, Code 2867 - This position is located in the Systems Analysis Branch of the Accounting Division of the Office of the Comptroller. The incumbent serves as the Accounting Technician in the Financial Control Desk. The duties include maintaining control figures on data entering the financial system to ensure all transactions are properly processed; reviewing various reports and control figures for imbalances and data entry errors; preparing and reviewing cost transfers; coordinating and processing bad charges; preparing journal entries for award fee surcharges; preparing standard monthly journal entries; monitoring service centers and distribution accounts to ensure that transfers are current; and monitoring FMS and Special Deposit labor journal entries to review surcharges assessed. **Job Relevant Criteria: Knowledge of the NAVWPNCEN financial system; ability to communicate effectively, both orally and in writing; ability to meet financial deadlines; ability to interpret and apply a body of regulations and procedures under varying conditions; ability to deal effectively with a wide range of people; and ability to automate manual functions and make recommendations for changes to improve procedures, methods and techniques. Promotion potential to DG-3, but not guaranteed.**

No. 28-017, Fiscal Accounting Clerk, DG-503-A/1/2, Code 2855 (2 VACANCIES) - This position is located in the Disbursing Branch of the Customer Services Division of the

Office of the Comptroller. Under the direction of the Disbursing Officer the incumbent will be responsible for validation and disbursement of civilian payrolls, travel advances and claims, vendor payments, and public vouchers; receiving and depositing collections. **Job Relevant Criteria:** Knowledge of Navy Industrial Fund accounting principles; knowledge of Joint Travel Regulations; knowledge of fund accounting principles; knowledge of the Document Entry System and Integrated Disbursing and Accounting System; ability to work under pressure; ability to work with changing priorities. Promotion potential to DG-3. Status eligibles may apply.

No. 31-087, Interdisciplinary (Aerospace Engineer/Mechanical Engineer/Mathematician/Physicist/Operations Research Analyst/Computer Scientist), DP - 861/830/1310/1515/1520/1550 - 2/3/4, Code 3181 - Multiple Vacancies The branch is staffing up to support several advanced aircraft and weapons programs with survivability and lethality analyses in support of mission and system effectiveness studies and system design tradeoff studies for major advanced weapon systems and aircraft. Tasks involve planning, susceptibility analyses (including low observables technology, simulation of threat SAM and gun systems, acquisition systems, fuzing, warheads), vulnerability analyses, system survivability and mission effectiveness analysis, presentation of results to sponsors and program documentation. **Job Relevant Criteria:** Knowledge of susceptibility analysis techniques used to assess systems effectiveness, foreign threat weapon systems (i.e., detection, tracking and engagement capabilities - countermeasures and EW system effectiveness simulation techniques and endgame analysis). Promotion potential to DP-4, but not guaranteed. Previous applicants need not reapply.

No. 31-090, Supervisory Interdisciplinary (General Engineer/Computer Scientist/Electronics Engineer/Mathematician/Physicist), DP-801/1550/855/1520/1310-3, Code 31111 - This position is that of Section Head of the Software Development Section of the AV-8B/AH-1 Facility Branch. The branch develops, maintains and operates simulation/integration facilities to support the AV-8B and AH-1 Weapons Systems Support Activities (WSSA) in the roles of technical assistance, requirements definition, system development, weapons system integration, validation, hardware engineering, and simulation software. Incumbent provides overall direction, coordination and management of the Hardware Development Section of the branch. Inputs are provided to the branch head on Hardware Development Section tasks and assists branch head in overall branch planning, scheduling, and tasking to perform branch mission requirements. **Job Relevant Criteria: Knowledge of WSSA's mission requirements; knowledge of avionics facilities hardware analysis and design; knowledge of embedded computer applications and productivity enhancements, including software tools; knowledge of NWC personnel policies**

and procedures; ability to support NWC EEO policies and goals; ability to communicate effectively at all levels, both orally and in writing. A one year probationary period may be required. Promotion potential DP-3.

No. 31-092, Supervisory Electronics Technician, DP-856-3, Code 31112 - The branch develops, maintains and operates simulation/integration facilities to support the AV-8B and AH-1 Weapons Systems Support Activities (WSSA) in the roles of technical assistance, requirements definition, system development, weapons system integration, validation, hardware engineering, facility software engineering, and simulation software. Incumbent provides overall direction, coordination and management of the Facility Operations Section of the branch. Inputs are provided to the branch head on Facility Operations Section tasks and assists branch head in overall branch planning, scheduling, and tasking to perform branch mission requirements. **Job Relevant Criteria: Knowledge of WSSA's mission requirements; knowledge of avionics facilities operation; knowledge of embedded computer applications and productivity enhancements, including computer hosted software and hardware tools; knowledge of computer systems architecture and application; knowledge of NWC personnel policies and procedures; ability to support NWC EEO policies and goals; ability to communicate effectively at all levels, both orally and in writing. A one year probationary period may be required. Promotion potential DP-3.**

No. 35-034, Administrative Officer, DP-341-3, Code 35C1 - This position is located in the Cruise Missile Program Office, Attack Weapons Department. The position is

(Continued on Page 30)

CLASSIFIEDS

357 Pets

6 MONTH OLD and 1 month old cocktiels, also love birds and diamond doves. Call 375-7475 after 5:30 p.m. or leave message any time.

BIRDS, BIRDS, and more birds! Baby cocktiels and diamond doves. Call 375-7475 after 5:30 p.m. or leave message any time.

BRITTANY SPANIELS, ready for Christmas. Born November 2, 375-9580

DALMATIAN puppies, AKC, beautiful family pets, excellent pedigree, 20 yrs. in Dals, first shots, \$200-\$300. Bishop, 873-7177.

FREE CAT to a good home, with litter box and food. No shots, about 6 months old. 446-3001. Call after 2 p.m., ask for Sue.

PUT A WRINKLE under your tree this year for Christmas. Two Chinese Shar-Pei pups (the wrinkle pup). One is a 9 wk old female, the other is an 18 wk old male. Please call 375-9861.

377 Homes for Sale

FREE. Weekly list of properties for sale by owner with addresses, prices, owner's phone #. Call 371-1005, HELP-U-SELL REAL ESTATE.

SAVE THOUSANDS! Helping Sellers sell By Owner for only \$2,450. Call 371-1005, HELP U SELL Real Estate.

381 Condos for Sale

A CHARMER Deeter condo, one story, 2 bedroom, 1 1/2 bath, fireplace, patio, garage & pool, \$66,500. 446-6228.

385 Mobile Homes For Sale

1973 GRANDVILLE mobile home. Nice two bedroom, 1 bath, \$9,000 or best offer. See at China Lake Trailer Park F-20. Call Jerry/Teri 446-6036.

32 1/2 FOOT FIREBALL Deluxe Travel Trailer (1984), set up in park (\$85 a month + electricity). Large shed with washer/220 dryer hook-up. Blue book \$14,500 asking \$9,000. Available January 1. 375-8273 M-W-F evenings.

60's VINTAGE MOBILE HOME 10 x 57. 2 bedroom, 1 bath, pop-out living room "AS IS" asking \$3,000 make offer. Call 377-3132 for appointment, be prepared to leave message on answering machine. Purchaser responsible to move mobile 2 weeks after purchase.

ARE YOU TIRED OF renting? Are you looking for a home of your own? Come to Tumbleweed Mobile Home Sales and let us find a home to fit your needs. We are at 107 Inyokem Rd., or call 446-2350.

425 Apartment for Rent-Furn.

COLLEGE HEIGHTS Apartments. Brand new one and two bedroom units, available soon! Sign up early, now taking rental applications. 375-1111.

WANTED: Roommate ASAP. Furnished 2 bedroom, 1 bath duplex with fireplace, garage & small backyard. All rooms furnished but second bedroom. \$225 a month + 1/2 utilities, etc. 1st & \$100 deposit. Call Pat 375-3185 or 375-8809

TOWNHOUSE, 2 bedroom, 2 1/2 bath, garage, refrigerator, dishwasher, washer & dryer, pool, spa. 257 E. Upjohn, available January 1, 1989, \$635 per mo. lease, \$650 per mo. rent. 377-4745.

AVAILABLE NOW freshly painted, new flooring, 2 bedroom, 1 bath duplex with double garage, landscaped corner lot \$480 + security. Call Coldwell Banker Best Realty 375-3855

PHONE 375-8808 to place your classified ad.

429 Apartment for Rent-Unfurn.

COLLEGE HEIGHTS Apartments. Brand new one and two bedroom units, available soon! Sign up early, now taking rental applications. 375-1111.

WANTED: Roommate ASAP. Furnished 2 bedroom, 1 bath duplex with fireplace, garage & small backyard. All rooms furnished but second bedroom. \$225 a month + 1/2 utilities, etc. 1st & \$100 deposit. Call Pat 375-3185 or 375-8809

TOWNHOUSE, 2 bedroom, 2 1/2 bath, garage, refrigerator, dishwasher, washer & dryer, pool, spa. 257 E. Upjohn, available January 1, 1989, \$635 per mo. lease, \$650 per mo. rent. 377-4745.

AVAILABLE NOW freshly painted, new flooring, 2 bedroom, 1 bath duplex with double garage, landscaped corner lot \$480 + security. Call Coldwell Banker Best Realty 375-3855

PHONE 375-8808 to place your classified ad.

429 Apartment for Rent-Unfurn.

WANTED: Roommate ASAP. Furnished 2 bedroom, 1 bath duplex with fireplace, garage & small backyard. All rooms furnished but second bedroom. \$225 a month + 1/2 utilities, etc. 1st & \$100 deposit. Call Pat 375-3185 or 375-8809

TOWNHOUSE, 2 bedroom, 2 1/2 bath, garage, refrigerator, dishwasher, washer & dryer, pool, spa. 257 E. Upjohn, available January 1, 1989, \$635 per mo. lease, \$650 per mo. rent. 377-4745.

AVAILABLE NOW freshly painted, new flooring, 2 bedroom, 1 bath duplex with double garage, landscaped corner lot \$480 + security. Call Coldwell Banker Best Realty 375-3855

PHONE 375-8808 to place your classified ad.

PHONE 375-8808 to place your classified ad.

SHOP AND ASSEMBLY SPACE WITH OFFICES FOR LEASE
Call Collect 602/855-3670

STAFF RN'S AND NIGHT SUPERVISORS
We value your military experience.
Lodi Memorial Hospital is presently seeking RNs and Staff Supervisors for our 101-bed acute care facility. Must be CA licensed or eligible.
Centrally located 35 miles south of Sacramento, Lodi is a short drive to the beautiful Sierra Mountains or the San Francisco Bay.
Interested candidates should send resumes to:
LODI MEMORIAL HOSPITAL PERSONNEL DEPT.
CALL BOX 3004
LODI, CA 95241

LAVA LAKE ESTATES
Water Ski 9 Months of the Year
On Your Own Private Tournament Lake

- 10-Acre Parcels - Only 3 Available
- 2 1/4 Hours South of Mammoth
- Excellent 2nd Home Site
- \$5,000 Down With Excellent Terms

Call Bob Lavagino
Days:(619) 935-4500 Evenings:(619) 935-4284

Young's RV Sales

See Our Great Selection
150 RV's in Stock

- Motor Homes
- Trailers
- 5th Wheels

When You Think RV's Think Young's

805-942-8447
A.V. Freeway at the Ave. "I" exit in Lancaster

La Casa MOBILE HOMES SALES
Model of the Week **SANDALWOOD**
BY FLEETWOOD

Model #3522F
Suggested retail price \$33,690
OUR PRICE \$32,190

Exclusive FLEETWOOD Dealer

SID GETZ - US Navy Retired - Dealer
PAT GETZ - General Manager

Located in **LaCasa Mobile Park**
700 S. Silver Ridge, Sp 11
Ridgecrest, CA

Call **375-6176**

CLASSIFIEDS

301 Happiness Is

LISTENING to your favorite music by C&C Productions Mobile Music Service. "You're not partying until we're there." Call Pat now for your Christmas party. 375-3185 keep trying.

305 Business

CAROL WILCHER'S wallhangings and pillows at Eagle Mountain Studio, 133 W. Ridgecrest Blvd. CATERING - still time to plan special holiday parties. Call for details. Kelley's Greenhouse Cafe, 901 N. Heritage Dr. 446-5404.

PHYSICAL THERAPY ASSISTANT

Welcome Home For The Holidays! Center for Industrial Medicine has an immediate career opening for a licensed Physical Therapy Assistant for outpatient industrial clinic in the therapy department. We offer a very pleasant and warm working environment, and believe in sharing the holiday spirit year round with not only our patients but one another. Excellent salary & benefits package.

Come join our team and let us share with you the joy of this holiday season.
CENTER FOR INDUSTRIAL MEDICINE
4060 4th Ave. Ste. 500
San Diego, CA 92103
or call Jean Smith at (619) 297-8790

305 Business

HAVING a Christmas party? Let C&C Productions cater your music. Call now, 375-3185 or 375-8809, keep trying.
KELLEY'S GREENHOUSE CAFE is now featuring Schat's and Danishes. Available with breakfast or by the loaf in the bakery. 901 N. Heritage Dr., 446-5404.

WALK-UPS CUSTOM UPHOLSTERY. We offer free estimates with samples brought to your home, also free pick-up and delivery. Our workmanship is 100% guaranteed. 8 a.m. - 5 p.m. Monday thru Friday. Evenings and Saturday by appointment 446-3929, 721 Inyokern Rd. Ridgecrest

WHEN YOU want the best in Mobile Music Service, call C&C Productions. "You're not partying until we're there." Call now to plan for your Christmas party. Pat 375-3185, keep trying.

309 Lost and Found

LOST DOG- Female, small, looks like a Chihuahua, (but not that small). Ears stick straight up, light brown, white chest, hair on top of head is darker than rest of body. Red plastic collar. Ridgecrest Blvd & Sunland. Call 446-4100

313 Personals

AVAILABLE for bookings "Hands Tied", dances, parties, receptions. Call 375-6826 or 377-4185.

AVON - to buy or sell, call Debbie at 375-1138.
LOVING Mother offering child care for your toddler, no spanking, lots of TLC, Monday - Friday, full time only, family home care certified. Call 446-2242.

NEED HELP IRONING? Call Gabrielle's Ironing Service. We offer excellent rates and personalized service. 375-5257.

313 Personals

VAN POOL FORMING, Kern River Valley to China Lake, maximum 14 people. (619) 376-2531 or Jim Lannon 446-2985.

317 Professional

CUSTOM SEWING and alterations, call for an appointment. 446-5983.

FOR CUSTOM Auto Upholstering and motorcycle re-upholstering come to Reber Upholstering. Serving the Ridgecrest area since 1976. Satisfaction Guaranteed. 375-6446.

HAVING a Christmas party? Let C&C Productions cater your music. Call now, 375-3185 or 375-8809, keep trying.

LIQNS Song offers quality piano tuning at a quality price, only \$35 for a normal tuning. Call today for an appointment. 371-1671.

LOVING Mother offering child care for your toddler, no spanking, lots of TLC, Monday - Friday, full time only, family home care certified. Call 446-2242.

REPAIR WASHERS, dryers & major appliances. Guaranteed Service. Call 371-1599

STAINED GLASS windows. Reasonable prices, financing available. 446-4640/377-5536 Patrick.

CHAFF - AN INTRODUCTORY COURSE IN ELECTROMAGNETIC REFLECTORS. This invaluable chaff handbook will give the reader a better understanding of chaff effectiveness. It has 130 pages containing 50 figures, technical data, equations, tables and chaff response curves. The five chapters present in an easy to read manner antenna electrical parameters relative to chaff, chaff physical and electrical characteristics, plus procedures for determining chaff random backscattering response curves. This book should be considered part of your library if your world is Electronic warfare. If you work with chaff it should be an essential part of your library. A limited edition, \$29.00 postpaid. Write to: W.N. Carron, 818 Shari Street, Ridgecrest, CA 93555

COMPUTER, Commodore 64 monitor, printer, drive, documentation. Mirage (software-data base, word process & adv. reports), used very little, \$475. 446-2205.

317 Professional

DELUXE queen size padded waterbed railings, dark brown, shirts, small bedroom size green velvet stuffed chair, new polyester yardage, various prints, small coleman ice chest, drapes, blankets, telephone, boots (rubber w/leather uppers, size 8), women's denim jeans, size 40-42. 375-9528.

DINETTE SET, glass top & four wood chairs. Good condition, \$100. Sofa, beige/brown plaid, good condition, \$75. Call 446-7044 after 5 p.m.
DON'T MISS those important phone calls! Phone answering machine for \$20. Call 375-1231 after 5:00 p.m. & weekends.

GREAT CHRISTMAS GIFT! Boy's ten speed bike! \$25. Call 375-1231 after 5 p.m. & weekends

HOLIDAYS ARE COMING, order your home-made tamales today. Beef or Pork, \$10.00, a dozen. Call 375-0943 or 446-5518.

LONG RED DRESS, size 13-14, worn once, \$75; matching gloves, \$20; matching purse, \$20; long crinoline petticoat, \$36; 446-7421.

PERFECT XMAS GIFT! Yamaha PSP31 Keyboard with full size keys, 16 pre-set tones, custom drummer with 5 variations, auto bass chord. Top of the line for PSR's. Will sacrifice \$225 or best offer. Call Pat at 375-3185 or 375-8809

SKATEBOARD ramp, 10' x 16' x 36' Sports Oasis demo ramp, used 1 day! Make Offer. 446-4700.

SOFA, \$95; wash stand/cabinet, \$45. Call 446-4712 leave message.

TRACTION CABLE 15 inch tires used once, \$40. New never worn black rabbit coat size small, \$40. Two twin beds, 1 has trundle, \$10 & \$25 for both beds. Big wheel bike, \$10. Apple II 1 disc drive monitor, super serial cord, parallel printer cord, 280 joysticks, 50 software disks & books. \$400 takes it all. 446-4821

WILHORN & SON firewood sale. Now have almond, pine & fir. 377-4465.

ZENTH 25 in. console T.V., dark pine, remote, 178 channels, excellent, \$495. 446-2205.

WHEN YOU want the best in Mobile Music Service, call C&C Productions. "You're not partying until we're there." Call now to plan for your Christmas party. Pat 375-3185 or 375-8809, keep trying.

325 General Services

AVAILABLE for bookings "Hands Tied", dances, parties, receptions. Call 375-6826 or 377-4185.

HAVING a Christmas party? Let C&C Productions cater your music. Call now, 375-3185 keep trying.
LOVING Mother offering child care for your toddler, no spanking, lots of TLC, Monday - Friday, full time only, family home care certified. Call 446-2242.

WHEN YOU want the best in Mobile Music Service, call C&C Productions. "You're not partying until we're there." Call now to plan for your Christmas party. Pat 375-3185 or 375-8809, keep trying.

329 Schools & Instruction

TUTORIAL SERVICE. All school levels accepted, subjects include: math, english, social studies and spanish. Call after 4 p.m. 375-3352.

333 Help Wanted

AVON - to buy or sell, call Debbie at 375-1138.
LOOKING for retired couple to manage an apartment building. 375-1111.

337 Work Wanted

ENERGETIC EFFICIENT young lady available for housework. I like to clean. 375-7455.

LOVING Mother offering child care for your toddler, no spanking, lots of TLC, Monday - Friday, full time only, family home care certified. Call 446-2242.

RELIABLE MOTHER will babysit anytime, any days, also weekends. 446-4348.

353 Miscellaneous For Sale

AVON - to buy or sell, call Debbie at 375-1138.

PHONE 375-8808 to place your classified ad.

TUNE-UP SPECIAL

Get Ready for Holiday Travel!



We use factory parts exclusively

Prices apply to:
Dodge, GM, Volkswagen, Nissan and Honda
Spark Plugs, Check Air Filter,
Electronic Scope and Adjust

4 Cylinders	\$47. ⁶⁹	includes tax
6 Cylinders	\$62. ⁶⁸	includes tax
8 Cylinders/Nissan Nap-Z	\$68. ⁸³	includes tax

some VW Models slightly higher



"It's Autumn in Ridgecrest all year round!"

Autumn Motors, Ltd.
201 East Ridgecrest Blvd. 375-1327

NOW LEASING

Spacious Family Living at Prospect Park Village

New carpeting & flooring, swamp coolers, washer/dryer hook-ups, dishwashers, pool, sauna, fenced yards.

COMING SOON: Fitness trail, volleyball court, basketball courts, RV parking, and storage space.

2 Bdrm.	\$460.00/mo.
3 Bdrm.	\$495.00/mo.

401 TORO DRIVE
(619) 375 8617

Save 1 month's rent with a 6 month lease
Dinner for 2 at Golden Corral with a 6 month lease

ROBBINS ENGINEERING, INC.
MECHANICAL ENGINEERING

Roland W. Robbins, P.E.
Registered Mechanical Engineer
Arizona - California

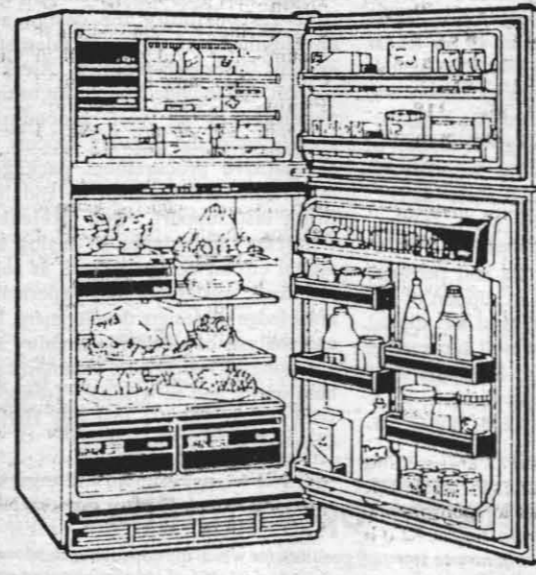
3461 N. Jamaica Blvd., Lake Havasu City, AZ 86403 U.S.A.
(602) 855-3670

Joys of the Season
Happy Holidays & Many Thanks From Al & Mary Alvarado

SAND SIERRA Jewelry to Go
BUSINESS MACHINES



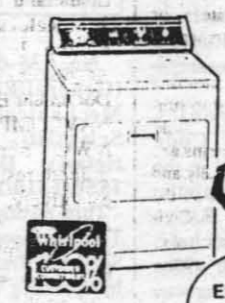
Grand Opening Sale



- Model ET22DKXT**
- 21.7 cu. ft. Capacity
 - Provision for Optional ICEMAGIC Automatic Ice Maker
 - Freezer Door Shelves with Load Locks
 - Illuminated Up-Front Controls
 - Adjustable Door Storage Bins
 - Glass Crisper and Meat Pan Covers
 - Dual Twin Deep Crispers with Humidity Controls
- ON SALE NOW!**

\$849.00

CLOTHES DRYER



Whirlpool Model LE/G 5760XSW

\$319.00

Extra-Large Lint Screen

WASHING MACHINES

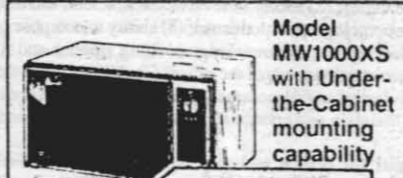
Model LA 5400XSW



\$349.00

Large Load Capacity

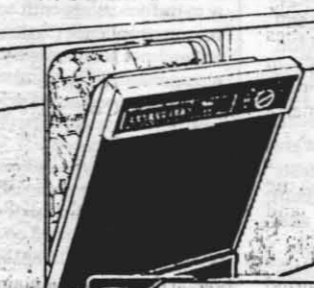
Whirlpool Microwave Oven



\$115.00

Model MW1000XS with Under-the-Cabinet mounting capability

DISHWASHER MODEL DU8100XT



\$299.00



Apply for your personal Revolving Charge account today.

FREE DELIVERY

COUPON Christmas Kick-Off Drawing Win A Microwave Oven

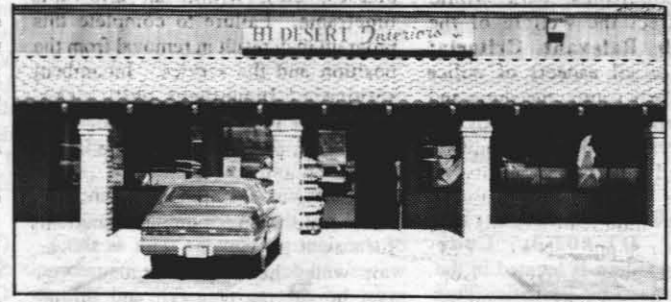
Name _____
Address _____
Phone # _____

Drop off at Hi Desert Interiors
Drawing to be held Dec. 21



Hours:
Monday thru Friday
9 a.m. - 6 p.m.
Saturday
10 a.m. - 4 p.m.

HI DESERT Interiors is proud to announce that it is the exclusive Whirlpool Dealer serving Ridgecrest. To introduce this line, we are offering these rock bottom prices while stock lasts!



HI DESERT Interiors

1519 N. NORMA
446-4563

Promotional opportunities

(Continued from Page 28)

that of the Cruise Missile Business Manager. The incumbent is responsible for the direction and coordination of all financial aspects of the Cruise Missile Program development and production programs under cognizance of the NAVWPNCEN. The incumbent must interface with the Cruise Missile Projects Office in Washington, D.C., NAVWPNCEN management, and NWC support personnel and contractors in managing program administrative duties. **Job Relevant Criteria:** Ability to manage the financial support for a complex weapons development/production program; knowledge of financial management, procurement policies and procedures, and program management; ability to communicate orally; ability to communicate in writing; knowledge of program office operation and management goals; and ability to perform assigned duties independently.

No. 35-037, Electronics Technician, DT-856-3, Code 3574 - This position is that of lead technician in the RF Systems Design Branch, Missile Software Division, Attack Weapons Department. The incumbent will perform Cad Cam PC layout, design, documentation, soldering, electronics parts ordering and purchasing and computer programming. Soldering operator category E per WS-6536E/SCN3 certificate is required. **Job Relevant Criteria:** Knowledge of basic and other higher level computer languages; knowledge of MIL-STD-275E and DOD-STD-100C; ability to troubleshoot and develop software; knowledge of CAD/CAM; ability to lead other employees; ability to train entry level employees.

No. 36-179, Engineering Data Management Specialist, DS-301-1, Code 36542 - The incumbent will plan, program, implement and monitor the acquisition of the technical documentation required throughout the life cycle of a weapon system. **Job Relevant Criteria:** Knowledge of configuration accounting and governing standards, directives and specifications; ability to read, comprehend and apply written material; ability to communicate both orally and in writing. Promotion potential DS-3, however not guaranteed.

No. 38-004, Administrative Officer, DA-341-2/3, Code 38902 - The incumbent of this position provides administrative service to the Engineering Science Division, Research Department. Areas include: financial, personnel, facilities and space, travel, procurement, management analysis, data processing, and safety and security. Familiarity with personal computers is desirable. **Job Relevant Criteria:** Ability to identify and solve problems in new and often unstructured situations; ability to deal with all levels of personnel; ability to manage people and resources. Promotion potential to DA-3.

No. 62-045, Engineering Technician, DT-802-3, Code 62116 - This position is located in the Data Support Section, Ballistics Test Branch, Ordnance Test & Evaluation Division, Range Department. The incumbent coordinates with the test engineer and instrumentation personnel to ascertain the data acquisition feasibility for any static motor test of various missiles held at Skytop facilities. Duties also include verification of calibrations and valid test data utilizing the PDP 11/34A, VAX 11/750 and MASSCOMP computer systems. Further duties include meeting

the requirements and submission of the test data package. **Job Relevant Criteria:** Knowledge of ballistic test operations and types of data measurements; ability to use data acquisition and processing computer systems; ability to interface effectively with test personnel; ability to prioritize work generated under heavy workload conditions. Promotion potential DT-3.

No. 62-046, Computer Specialist, DS-334-2/3, Code 62512 - This position is located in the Metric Video Section, Computer Systems Branch of the Range Department. The major duties include: operating and troubleshooting video recorders, monitors, switchers, character inserters, processing amplifiers, waveform analyzers; performing repair modification, installation, preventative maintenance, and testing of video equipment and systems; and assisting with development and configuration of new video systems. **Job Relevant Criteria:** Knowledge of computer/video interfaces and configuration; ability to operate, maintain, and repair video equipment and systems; ability to operate video test equipment; ability to communicate both orally and in writing. Occasional overtime to support operational testing may be required. Promotion potential to DT-3.

No. 62-047, Electronics Technician, DS-856-2/3, Code 62512 - This position is located in the Metric Video Section, Computer Systems Branch of the Range Department. The major duties include: operating and troubleshooting video recorders, monitors, switchers, character inserters, processing amplifiers, waveform analyzers; performing repair modification, installation, preventative maintenance, and testing of video equipment and systems; and assisting with development and configuration of new video systems. **Job Relevant Criteria:** Knowledge of computer/video interfaces and configuration; ability to operate, maintain, and repair video equipment and systems; ability to operate video test equipment; ability to communicate both orally and in writing. Occasional overtime to support operational testing may be required. Promotion potential to DT-3.

No. 62-048, Supervisory Interdisciplinary (Electronics Engineer/Physicist), DP-855/1310-2/3, Code 62143 - This position is located in the Warhead Test Branch, Ordnance Test and Evaluation Division, Range Department. This branch is responsible for test and evaluation of warheads and explosives. The incumbent directs the facility design, instrumentation systems and data acquisition for the electronic measurements on these tests. The incumbent is the section head and directs a staff of 4-5 other technicians, scientists, and engineers. The incumbent will maintain the branch in the state of the art for the measurement of transient phenomena such as shock waves and detonation. The incumbent must be able to research and select suitable equipment. The actual test effort will require outdoor work and the ability to work in the proximity of explosives. **Job Relevant Criteria:** Knowledge of test and evaluation of warheads and explosives; knowledge of instrumentation systems and data acquisition for the electronic measurements of warhead and explosive tests; knowledge of and a willingness to support EEO goals and objectives; ability to communicate both orally and

in writing; ability to work effectively with a wide variety of people and organizations. New supervisors will be required to serve a one year probationary period. Promotion potential to DP-3.

Reassignment opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. All applicants must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

No. 35-035, Interdisciplinary (General/Electrical/ Electronics/Mechanical Engineer/Computer Scientist/Physicist/Mathematician), DP-801/850/855/830/1550/1310/1520-2/3, Code 3564 - This position is that of a Software Test Engineer located in the Tomahawk Software Branch. The branch performs Independent Verification and Validation (IV&V), and flight test support of Operational Flight Programs (OFP). The Tomahawk missile continues to be modified by a contractor with corrections and enhancements to existing versions. IV&V and flight test support is accomplished by this branch utilizing all digital simulations of the missile and emulation of the missile guidance computer on a host. The OFP under test is loaded in the emulated computer. Also a hardware in the loop facility is being developed. Testing is performed to assess OFP operation with incorporation of individual STRs and §CPs as well as full mission simulations to assure continued correct operation of the OFP as a whole. This position is software test engineer. Incumbent will perform software analysis, design, run, and analyze tests and reports results. The incumbent works with other branch members and contractors performing similar tasks. Knowledge of tactical embedded software testing techniques, assembly language, missile design, operation and performance are required. Knowledge of VAX operating system and DOD-STD-1679A or DOD-STD-2167A software development and documentation is desirable. To apply send an updated SF-171 to Bill Stratton, Code 3564, NWC ext. 1061.

No. 35-036, Interdisciplinary (Electronics Engineer/Computer Scientist), DP-855/1550-2/3, Code 3561 - This position is that of software Engineer for air-to-ground weapons systems. The Branch develops real-time embedded software for anti-radiation missiles. A state of the art software environment is maintained with extensive use of CASE tools, development in high order languages, and structured development methodology modified for the real-time environment of ARM weapons. The emphasis of this position is on hardware/software interfacing and

tradeoffs. Incumbent will be responsible for assisting in the development of software projects from a system and software architecture point of view. This encompasses requirement definition, analysis, design and implementation of software systems and simulations. The incumbent will work closely with other organizations to define processor requirements, identify language constraints, generate software development plans, generate schedules, and estimate funding requirements. Rapid prototyping will be used to refine system requirements for many programs. Incumbent will be expected to implement real time, multi-tasking and multi-processing software systems in embedded and non-embedded applications; system design and architecture; and development of hardware drivers; structured software development techniques; software system simulations such as navigation, guidance and signal processing. To apply send updated SF-171 to G.

No. 62-049, Electronics Engineer, DP-855-3, Code 6204 - This position is located in the Radar Cross Section Range Office of the Range Department. The incumbent will act as a technical consultant in Radar Cross Section technology in support of test programs wishing to use the Junction Ranch RCS test range. Besides helping to plan testing programs, the incumbent will also participate in range test and perform other technical duties in support of the test facility. Knowledge of RF, digital and analog hardware as well as computer software are desirable. To apply send current SF-171 to John Denson, RCS Range Office, Code 6204, NWC ext. 6422.

Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grade, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose files and reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

Unless otherwise indicated, applicants for branch secretary will be rated on elements 1/2/3/5/8; division secretary applicants will be rated on elements 1/2/3/4/5/8/9; Program Office secretary applicants will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

No. 00-022, Secretary (Typing), DG-318-2, Code 003 - The incumbent provides secretarial support to the Public Affairs Office in the Office of the Commander. Ability to interact with all levels of contacts both on and off Center is necessary. Promotion potential is to DG-3, but not guaranteed.

No. 31-093, Secretary (Typing), DG-318-1/2, Code 3111 - Incumbent provides secretarial and administrative support to the AV-8B/AH-1 Facility Branch. VAX terminal and PC Wordprocessing/Spreadsheet experience desirable. Promotion potential to DG-2. Status eligibles may apply.

35-038, Secretary (Typing), DG-318-1, Code 3522 - Incumbent provides Secretarial support to the Advanced Technology Branch. Promotion Potential DG-2.

No. 36-180, Secretary

No. 62-050, Interdisciplinary (Electronics Engineer/Computer Scientist/Mathematician), DP-855/1550/1520-1/2, Code 62532 - This position is located in the Telemetry Data Section, Telemetry Branch, Data Systems Division, Range Department. The section is responsible for providing computer control of telemetry equipment and software support for real time data display of the Centers weapons programs. The incumbent will design, develop, test and document software. Ability to write programs in FORTRAN. Knowledge of telemetry systems. To apply send current SF-171 to Burt Wagner, Code 6253, NWC ext 6434.

No. 64-005, Electronics Engineer, DP-855-2/3, Multiple Vacancies, Code 64242 - This position is located in the Telemetry Systems Branch, Telemetry Division which is involved in the design and testing of telemetry systems for missiles and aircraft. Incumbent will have responsibility for design and development of airborne telemetry systems for branch program. Areas of support will include component testing, development of test procedures, specification and drawing support for competitive procurement packages, integration testing, captive and live firing test support. **Job Relevant Criteria:** Experience in analog and digital circuit design as well as some electronic system design experience; knowledge of design, development, test and analysis of electronic circuitry and components; ability to communicate both orally and in writing. To apply, send current SF-171 to Larry Harlan, Code 6424, NWC ext. 6017.

No. 62-049, Electronics Engineer, DP-855-3, Code 6204 - This position is located in the Radar Cross Section Range Office of the Range Department. The incumbent will act as a technical consultant in Radar Cross Section technology in support of test programs wishing to use the Junction Ranch RCS test range. Besides helping to plan testing programs, the incumbent will also participate in range test and perform other technical duties in support of the test facility. Knowledge of RF, digital and analog hardware as well as computer software are desirable. To apply send current SF-171 to John Denson, RCS Range Office, Code 6204, NWC ext. 6422.

Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grade, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose files and reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

Unless otherwise indicated, applicants for branch secretary will be rated on elements 1/2/3/5/8; division secretary applicants will be rated on elements 1/2/3/4/5/8/9; Program Office secretary applicants will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

No. 00-022, Secretary (Typing), DG-318-2, Code 003 - The incumbent provides secretarial support to the Harpoon/Slam Technical Office. Experience with the Macintosh computer and CPT is desirable. Must be able to obtain a secret clearance. Status eligibles may apply. Promotion potential to DG-3.

No. 38-003, Secretary (Typing), DG-318-1/2, Code 3892 - Incumbent will provide secretarial support to the Propulsion Research Branch (Code 3892) and to the Solid Propellant Research Branch (Code 3895). Experience with Macintosh desirable. Promotion potential DG-2. Previous applicants need not reapply.

No. 39-042, Secretary (Typing), DG-318-3, Code 39B10 - This position is that of the lead secretary for the Sidewinder Project Office, Intercept Weapons Department. As the lead secretary, the incumbent is

(Continued on Page 32)

Tis the season to beware of perceptions

Christmas is the season for giving and receiving gifts. Gifts are given and received for a number of reasons. Gifts symbolize feelings of friendship, love, and esteem. But, whatever the reason for the gift, there are certain dangers that lurk. Imagine for a moment, an NWC employee receiving a gift from a contractor employee with whom he/she has worked closely with during the year. Their working together through some extremely difficult times has created a strong bond of friendship. There are no motives behind the gift, other than the friendship between the two. Can the NWC employee accept the gift?

SECNAVINST 5370.2H, paragraph 6(m) states that the prohibition against the acceptance of gratuities does not apply to "customary exchanges of gratuities between Naval personnel (including Department of the Navy civilian employees) and their friends and relatives or the friends and relatives of their spouses, minor children, or members of their household where the circumstances make it clear that it is the relationship rather than the business of persons concerned that is the motivating factor for the gratuity and where it is clear that the gratuity is not paid for by any entity described in subparagraph 6g(1) (Government contractor or someone seeking to do business with the Government or someone whose interests may be substantially affected by the performance or nonperformance of the official duties of DOD personnel). But this is not the total answer.

Upon reading the paragraph above, it appears that the NWC employee can accept the gift because the motivation behind the gift is one of friendship. This is where danger lurks however. The paragraph states that the gift can be accepted "where the circumstances make it clear that it is the relationship" that is the motivating cause of the gift. The danger here is that the "circumstances" may be reasonably interpreted by another person such as a DOD Inspector General investigator or the NWC employee's supervisor as not clearly indicating that the relationship is the motivating cause of the gift. Other events that have happened in the past, events that may happen in the future, and even how others perceive the close friendship may cloud the clearness of the

circumstance under which the gift was made.

Finally, there is the appearance of impropriety prohibition in DOD Directive 5500.7. This prohibition simply states that "DOD personnel shall avoid any action, whether or not specifically prohibited by this Directive, that might result in or be expected to create the appearance of any of the following: (1) using public office for private gain; (2) giving preferential treatment to any person or entity; (3) impeding Government efficiency or economy; (4) losing independence or impartiality; (5) making a Government decision outside official channels; or (6) affecting adversely the confidence of the public in the integrity of the Government." The critical aspect of this prohibition is that what is forbidden is the creation of a perception. Again, people can interpret circumstances differently. Again, the motivation behind a gift may be legitimate, but the appearance of an impropriety to others (who are neither the giver nor the recipient of the gift) can also be present. Does an NWC employee want to put himself/herself in a position where they have to explain in minute detail the motivations behind a gift given or received to investigators?

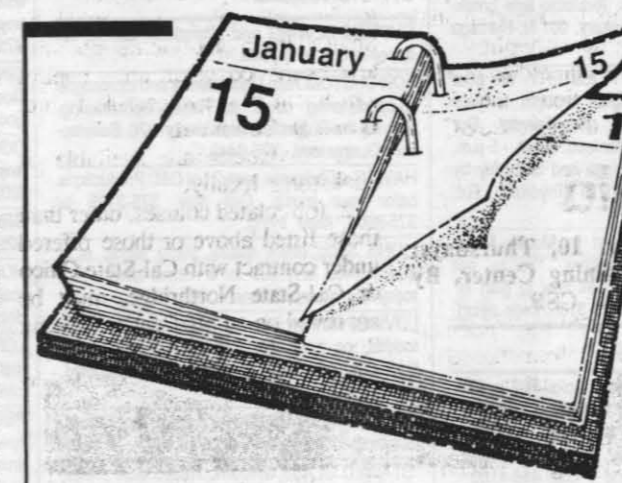
Another aspect of paragraph 6(m) of the SECNAVINST quoted above regarding customary exchanges of gratuities deserves attention. Specifically, acceptance of a gratuity is permissible where the relationship between people is the motivating factor of the gift, and where it is clear that the gratuity is not paid for by any Government contractor or someone seeking to do business with the Government or someone whose interests may be substantially affected by the DOD employee's performance. The danger lurking here is that an NWC employee cannot know for sure who is paying for the gift from his/her contractor friend. In this regard, the events of a recent investigation in which some NWC employees placed themselves in jeopardy should be discussed.

From 1985-1987, several NWC employees often visited a contractor's plant on official business. After business was concluded, the NWC personnel would have dinner with the contractor employee friends and on occasion did get tickets for concerts from their contractor friends.

Except for one meal, the NWC employees faithfully reimbursed their contractor friends for the cost of the meals and tickets. However, their contractor friend pocketed the money and submitted to his firm a claim for the cost of not only his meal but also for the meals of the NWC employees. A recently completed audit of the contractor's

charges to the government on various contracts found that the costs of these meals and tickets were charged to the Government on several contracts. The justification for the costs submitted by the contractor was that the contractor had paid for the NWC employees meals. In fact, the names of the NWC employees receiving the

meals were listed by the contractor. The bottom line is: play it safe. Think before you give and receive. What are you getting yourself into? Perhaps instead of a gift, a Christmas card would do. Be aware of the dangers that lurk during this Christmas season. By playing it safe, you will probably have a very Merry Christmas this year and in the other Christmases to come.



MARK YOUR CALENDAR!

You Can Still Get

9.5%*

Financing FHA - VA

ON EXISTING KERN ISLAND HOMES

THRU JANUARY 15, 1989

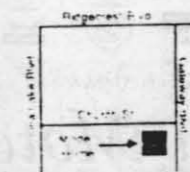
Our loan commitment to this low interest money expires on January 15, 1989. If you want a quality home at an affordable fixed rate then now is the time to buy - **BEFORE IT'S TO LATE!**

* House must close escrow on or before January 15, 1989 to qualify for 9.5% financing. See sales rep. for all the details. (APR 10.02%)



Kern Island Homes

Model Homes Open Daily
11:00 to dusk
837 E. Church St. 375-1308



CLIP and SAVE

Two Super Salad Bars
\$8.99

From 11 a.m. 'til 4 p.m. only

Expires 12/22/88

Good for entire party. Individual dinner may be purchased at 1/2 the stated price. Not valid with other offers. At participating restaurants. Tax not included.

Golden Corral
1030 N. Norma

Two Deluxe
Chop Sirloin Dinners
\$7.99

Expires 12/22/88

Good for entire party. Individual dinner may be purchased at 1/2 the stated price. Not valid with other offers. At participating restaurants. Tax not included.

Golden Corral
1030 N. Norma

External degree classes. . . Cal-State Chico. . . CSUB. . .

(Continued from Page 33)
real situations will be used to illustrate methodologies for improved program/system performance. The knowledge acquired can be applied to system procurement, design, modification and tuning.
Math 477: Differential Equations (5 quarter units)
Jan. 6-Mar. 10, Fridays; 1610-2110; Training Center. By Professor El-Ansary, CSB, (805) 664-2130.
Prerequisite: Calculus III or consent of the instructor.

Scope: First-order differential equations; linear differential equations; linear systems; Laplace transform and its application to solutions of linear differential equations and systems; series solutions of second-order linear equations and/or numerical solutions of differential equations; topics in nonlinear differential equations and systems; applications.
Note: This is a required course for the math/science option of the BSCS degree program through CSUC.

Cal-State Bakersfield

This winter, the following classes are being offered for the Cal-State Bakersfield Bachelor's Degree in Business and Master's Degree in Administration programs. To enroll in these classes, submit an on-Center Training Request (NAVWPNCEN 12410/73) via department channels to Code 224. Registration will be held in class at the first class meeting. Deadline for enrolling is 10 calendar days before the starting date of the class.
ADM 620: Financial Decision Making In Organizations (5 quarter units)
Jan. 10-Mar. 8, Tuesdays; 1610-2110; Training Center. By Professor Evans, CSB.

Scope: Public sector project appraisal, cost benefit analysis, estimating and forecasting revenues and costs, project planning and auditing, productivity measurement, debt administration, idle funds management and decision making under uncertainty.
Note: This is a core course for the Master's Degree in Administration Program.
MGT 302: Introduction to Operations Management (5 quarter units)
Jan. 12-Mar. 10, Thursdays; 1610-1910; Training Center. By Professor Vigen, CSB.
Prerequisite: MGT 301: Quantitative Methods and Information Systems or consent of instructor.
Scope: An introduction to processes for planning, operations and control of manufacturing and service systems. Topics include design of production systems, production planning and control, plant lay-out, work measurement, quality control and equipment utilization.
Note: This is a core course for the Bachelor's Degree in Business Administration Program.
POL SCI 577: The American Defense Policy (5 quarter units)
Jan. 9-Mar. 20, Mondays; 1610-2110; Training Center. By Professor Lopez, CSB.

Scope: The objectives of this course are to equip students with essential critical and analytical skills; and to identify and interpret theoretical and pragmatic factors relevant to the formulation and execution of U.S. national defense policy. The course looks at the evolution of U.S. nuclear doctrine since the close of World War II, and focuses on the ramifications of

CSUB. . .

nuclear weapons for U.S. defense and foreign policy-making. We will analyze the role of various actors (executive, legislative, public opinion, military, etc.) in the defense policy-making process. Finally, the course focuses on the international environment from a regional perspective with special attention given to the U.S. relationship with the Soviet Union, and the desirability and likelihood of an arms control agreement in the foreseeable future.
General Comments
1. Textbooks are available at bookstores locally.
2. Job-related courses, other than those listed above or those offered under contract with Cal-State Chico or Cal-State Northridge, must be approved on an off-Center Training Request (DD Form 1556) before registration if NWC is expected to pay for the training.
For more information about any of these programs or classes, contact Cecil Webb at NWC ext. 2648.

Programming class planned

Pascal Programming (32 hours)
January 23-27 and 31, February 1 and 3; 0800-1130; Training Center. By John Francis, Code 3627.
Prerequisites: Math courses through trigonometry and computer fundamentals or equivalent computer experience or training.
Scope: This course is intended for engineers and scientists who are nonprogrammers. The course teaches individuals to write programs in Pascal for microcomputers to solve engineering-analysis problems. Topics include use of the UCSD operating system, editor, and Pascal compiler with emphasis on principles common to most versions, and an introduction to the Pascal language (sufficient for the occasional user who does not intend to become a full-time professional programmer). Subject matter will be presented through lectures and hands-on labs using the VAX computer. Some time outside of class may be required to complete programming projects assigned.
Deadline: December 28.

NWC employees in need of leave hours

Employees indicated below have been approved to become leave recipients under the Leave Transfer Program. These employees have exhausted annual and/or sick leave because of personal emergencies and will be in a non-pay status for at least ten days. Employees who wish to help a leave recipient may donate annual leave to the employee. NAVWPNCEN 12630 provides specific information regarding how to donate annual leave.

Sandee B. Gaunt, Secretary (Typing), Code 39404 — is pregnant with her first child and is under a doctor's order to take leave in order to avoid complications. She has exhausted all sick and annual leave.

Patricia Howe, Photographer, Code 3451 — is pregnant with twins and is under a doctor's order not to work until after the birth of the babies. She has exhausted all sick and annual leave.

Sarah Polak, Computer Specialist, Code 35604 — has been diagnosed as having metastatic cancer and is currently undergoing chemotherapy. She has exhausted all sick and annual leave.

Benny Sturgeon, Supervisory Engineering Data Management, Code 36541 — has been hospitalized for open heart surgery. This illness has caused a loss in income and severe hardship for his family. He has exhausted all sick and annual leave.

Melvin R. Mather, Engineering Technician, Code 3921 — is currently undergoing treatment for lung infection. His treatment has required additional hospitalization followed by an at home recuperation. He has exhausted all sick and annual leave.

William J. Soulek, Machined Parts Inspector, Code 3643 — was diagnosed as having an arteriosclerotic heart disease, for which he was hospitalized. This disease has

caused a financial hardship on him and his family. Soulek has exhausted all sick and annual leave.

Eleanor L. Semore, Senior Purchasing Agent, Code 25222 — has been diagnosed as having a cardiovascular disease. She was hospitalized for surgery and was off work from Nov. 18 until July 25. The loss of income is a severe hardship for her and her family. She has exhausted all sick and annual leave.

Kathy Culberson, Computer Systems Analyst, Code 3623 — has been diagnosed as having sarcoidosis which keeps her immune system weak. She is currently under doctor's orders not to return to work. Culberson is a single parent and sole supporter of her family. She has exhausted all sick and annual leave.

George Stillwell, Physicist, Code 3917 — has been diagnosed as having common variable hypogammaglobulinemia. Because of this illness, Stillwell has exhausted his sick and annual leave.

Stanford S. Foster, Industrial Equipment Mechanic, Code 26 — is presently in remission from his back surgery. He is working in a light duty status as he recuperates.

Glen L. Linden, Facilities Management Specialist, Code 2634 — is presently still off work and his return date is still unknown. He was hospitalized in June and has exhausted all sick and annual leave. The loss of income is a severe hardship for his spouse and family since he is the primary source of income.

Thomas A. Boyd, Visual Information Specialist, Code 3414 — is still under the care of a physician and his condition is still unstable at this time; however, he has been working three to four hours a day, as he can. Both sick and annual leave have been exhausted. Boyd is hoping his condition will improve soon so he will be able to return to full-time work.

Western Auto

MAKE IT WHIRLPOOL THIS CHRISTMAS



399⁸⁸ White-Colors \$10 More
8-Cycle 27 In. Washer
Large capacity
2 wash/spin speeds
4 wash/rinse combos
4 water level selections 85-2150-2



299⁸⁸ White-Colors \$10 More
4-Cycle Electric Dryer
Large capacity drum
3 temperature settings
Special "Knit" setting
Timed dry setting 85-3110-5



349⁸⁸ White
5-Cycle Washer
Large capacity. 2 water levels and easy-clean lint filter. (Colors \$10 More) 85-2110-6



279⁸⁸ White
4-Cycle Dryer
Large capacity. 3 temperature settings and cool-down care. (Colors \$10 More) 85-3130-3



499⁸⁸ 85-2170-0
9-Cycle Washer
Super capacity. 3 wash/spin speeds. White. Colors \$10 More



399⁸⁸ 85-3170-9
6-Cycle Dryer
Super capacity. End-of-cycle signal. White. Colors \$10 More

NO PAYMENTS, NO INTEREST 'TIL FEBRUARY 1989*



499⁸⁸ 2 slide-out steel shelves. Half-width crisper. Textured doors. White. 83-2700-9



699⁸⁸ With FREE ice maker kit. Adjustable glass shelves. White. 83-2790/1267 Colors \$10 More



1149⁸⁸ Thru-the-door ice dispenser. See-through crisper. White. 83-2890-8 Colors \$10 More



299⁸⁸ 2 automatic cycles. Air dry option. dual action filter. White. 85-3266-5

GIVE THE GIFT OF CONVENIENCE AT GREAT VALUE



299⁸⁸ 30 in. Lift-up cooktop. Adjustable oven rack. Removable oven door. White. 86-4200-1



599⁸⁸ Automatic Mealtimer™. clock. Solid elements. Black glass door. White. 86-4260-5



299⁸⁸ Temp. probe. bi-level rack. Auto set time and temperature. Quick defrost. 700W. 86-3486-7



199⁸⁸ Auto set. Time-of-day clock. temp. probe. 10 power levels. 650 watts. 86-3478-4



129⁸⁸ Rotary control. Balanced wave cooking system. 5 power levels. 500 watts. 86-3480-0

GRAND OPENING WEEKEND - Dec. 16-18

375-3701 216 N. Ridgecrest Blvd. OPEN 7 DAYS A WEEK Mon.-Fri. 7 a.m. - 7 p.m. Sat. 8 a.m. - 6 p.m. Sun. 10 a.m. - 5 p.m.

AutoCAD® REL 10.0

The world's most popular designing software now has full 3-D capabilities. Designing with AutoCAD can increase your productivity and cut your costs. Find out more about AutoCAD Release 10.0 by calling KC/CAD today.

KC/CAD

4101 Union Avenue
Bakersfield, CA 93305
805-323-7228



Authorized Autodesk Dealer



WOOD'S Christmas Tree Farm

Open 9-4:30 Sat. & Sun. til Christmas



Invokern Road
Buttermilk Acres Store
Wood's Tree Farm
623 Rhebas Way
377-5558
Beverly & Claude Wood

\$3.00 - \$3.50 per foot
7' & Over \$21 - \$24.50
You may reserve a tree Now to Cut Later!

Promotional opportunities

(Continued from Page 30) responsible for organizing and prioritizing the workload from the Project Manager and staff; delegating tasks to the other secretaries; receiving and screening visitors; answering and screening phone calls; preparing travel plans and itineraries; making arrangements for meetings; receiving, opening, and screening mail; typing official letters, memoranda and reports; maintaining office files and performing time keeping duties. Previous applicants need not re-apply.

No. 39-043, Secretary (Typing), DG-318-A/1/2, Code 3935 - Incumbent will provide secretarial support to the Standard Missile Fuze Branch, Intercept Weapons Department. Experience with IBM PC desirable. Promotion potential DG-2.

Non-Appropriated Funds

The following vacancies are not Civil Service positions. These positions are paid from non-appropriated funds and are administered in accordance with policies established by the Department of Defense. Persons selected for these positions have no Civil Service status and are not eligible for appointment to positions in the Civil Service. Persons interested in applying for these positions should fill out a standard application form (SF-171). Applicants need not be presently employed in a Non-Appropriated Fund Instrumentality (NAFI) position, nor must they be employed at the Naval Weapons Center. The SF-171 should clearly be marked "NAFI" on the top and should have the appropriate announcement number listed in Block 1 on the form. Completed applications can be delivered to Room 100 or to Room 120 in the Personnel Building or can be mailed to: Naval Weapons Center, Personnel Dept. (Code 096), ATTN: NAFI Service Team, China Lake, CA 93555.

No. MWR 22-8846, Operations Clerk, AS-301-5, \$5.41 to \$6.31 per hour, Permanent Full Time, Code 22911 - Incumbent maintains daily reservation book for diners, operates cash register and prepares work schedules and time sheets. Incumbent also maintains alphabetical and subject files, regulation manuals and directives. Will perform basic clerical skills and other duties as required. Job Relevant Criteria: Ability to type and operate an adding machine, must be able to communicate well with people. Previous applicants need not reapply.

CSUN English writing exam is February 2

On Thursday, Feb. 2, the English Writing Proficiency Test will be given to undergraduate and graduate students of Cal-State Northridge (CSUN). CSUN students should take the exam as soon as application for admission has been approved. Undergraduate students must pass the exam before graduation. This test must be passed before the student is granted unconditional

status as a master's candidate. Graduate students must attain unconditional status before earning more than 12 units of academic work acceptable towards the master's degree. The exam fee is \$12. Checks must be made payable to California State University Northridge. To arrange to take this exam, please contact Helen or Michelle at NWC ext. 2648.

EMPF needs assistant

No. 579A-88, Management Services Assistant, GS-303-5/6, \$16,851 PA — This position may be filled at the GS-5 or GS-6 level. Please indicate the grade(s) for which you are applying. A selectee brought in at the GS-5 level may be promoted to the full performance level in accordance with the information provided below in "How to Apply." Duties: This position is located in the Facilities Support Office, Electronics Manufacturing Productivity Facility (EMPF) Naval Industrial Resources Support Activity Detachment, Ridgecrest, Calif. The selectee of this position will: assist with computation of EMPF budget plans and fiscal reports; review all procurement requisitions and forward for processing; utilize a mini or micro computer work station to key in data on-line to several existing specialized data bases; develop office automation capabilities using available software and system applications, including file management utilities, word processing glossaries and graphics software; using raw data in tabular or list form, develop complex computer graphic outputs to display data; extract unique or one-time reports using DBMS software selecting the data elements, columnar formatting, page and control breaks and summary information; provide support by assisting word processing users with indoctrination training and adviser or guides on system abilities; act as internal advisor to personnel matters; study administrative procedures utilized by the EMPF and propose changes that would be effective; perform administrative liaison among the EMPF department heads; and perform other duties as assigned. How to Apply: Applicants must submit a completed and current SF-171 and current performance plan to NAVIRSA-DET., EMPF, 1417 N. Norma Street, Ridgecrest, Calif., 93555, by close of business Dec. 23. In addition to meeting the time-in-grade restrictions, applicants must meet the experience requirement specified in Civil Service Handbook X-118, Group 300. Evaluation Methods: Basically eligible applicants will be evaluated on the following job related criteria on the basis of experience and training, supervisory appraisals and awards received. Appointment to this position may be subject to drug testing. Job-Related Ranking Elements: Knowledge of word/data processing and its applications; ability to plan, schedule and complete assignments effectively; and ability to communicate effectively, both orally and in writing. Note: Attach a statement describing how you meet the knowledge, skill and/or ability required by each ranking element and identify which job, volunteer work, etc., education or training shown on your SF-171 gave you this knowledge, skill and/or ability.

Classes to start soon for external degree programs

Cal-State University Northridge

Following are classes being offered this spring for the Cal-State University Northridge (CSUN) Engineering Program (bachelor's and master's degrees). To enroll in these classes, submit an on-center Training Request (NAVWPNCEN 12410/73) via department channels to Code 224. Registration will be held in class at the first class meeting. Deadline for enrolling is 10 calendar days before the starting

date of the class. AM 421: Aerostructures (3 units) February 2 - May 25, Thursdays; 1530-1830; Training Center. By Professor Ehrhott, CSUN, (818) 885-2166.

Prerequisite: AM 340: Advanced Statics and Strength of Materials is recommended, but not required.

Scope: Introduction to basic theory of aircraft and missile structural analysis; torsion of multicell sections, elastic axis wing sections, warping of box beams, shear webs with web cut-outs; shear lag; origin of thermal stresses; external constraints; fundamental equations of uncoupled isotropic thermoelasticity and their applications in aircraft structures.

Text: *Aircraft Structures*. David J. Peery and J. J. Azar. McGraw-Hill, 1982, second edition. ME 572: Advanced Topics in Aero-Propulsion (3 units) February 1 - May 24, Wednesdays; 1610-1910; Training Center. By Dr. Gutmark, NWC ext. 1079.

Prerequisite: ME 472: Thermal Power Systems and ME 490: Fluid Dynamics, or equivalent or consent of instructor. Scope: Elements of fluid mechanics and combustion applied to the design of components and to system analysis of various classes of rockets and air-breathing clusters. Liquid, solid and hybrid propellant rockets, ram jet, ram rocket and gas turbine. Emphasis on air-breathing applica-

(Continued on Page 33)

External degree classes

Cal-State University Northridge

(Continued from Page 32) in both subsonic and supersonic flight regimes.

Text: *Mechanics and Thermodynamics of Propulsion*. Hill and Peterson. Addison-Wesley, latest edition.

IE 501: Engineering Statistics (3 units) January 30 - May 24, Mondays 1610-1810; Wednesdays, 1610-1710; Training Center. By Mr. Ronald Merritt, NWC ext. 4652.

Prerequisite: An undergraduate course in probability and statistics or consent of instructor.

Scope: Application of statistical estimation and hypothesis testing methods to selected problems in engineering, such as quality control, acceptance sampling, design of engineering experiments and determining statistical validity of engineering data.

Text: *Introductory Engineering Statistics*. Gutman and Wilks and Hunter. Wiley, third edition.

Note: This is a core course in the master's degree program in systems engineering through Cal-State University Northridge.

AM 317: Mechanics Laboratory (1 unit) January 30, Monday, 11:30-1230, will be the first class meeting at the Training Center. Because this is a laboratory course, subsequent class meeting times and locations will be arranged with the class by the instructor, Dr. Frank Wu, NWC ext. 3632.

Prerequisite: AM 316: Engineering Dynamics or equivalent. Scope: Experimental analysis of the responses of various configurations of deformable solids to static and dynamic forces. The course will average one three-hour laboratory per week.

Note: This is a required course in the BS EE program through Cal-State Northridge.

Engineering Materials or equivalent. For those in the program who have not had such a course, the following Cerro Coso Community College course being taught in the spring will satisfy the requirement — ENGR 23: Properties of Materials.

EE 560N: Modulation Theory (3 units) (Formerly EE 557A) February 1 - May 24, Wednesdays; 1610-1910; Training Center. By Professor Petit, CSUN, (818) 885-2190.

Prerequisite: EE 466A: Introduction To Communication Systems and EE 505: Random Processes, or equivalent or consent of instructor.

Scope: Modulation systems are treated on a unified basis consistent with modern information theory. The discussion of information and statistical communication theory is limited to developing concepts and quantitative criteria with which the performance of these systems, when noise is present, can be measured and compared.

Text: *Information Transmission, Modulation and Noise*. Schwartz. McGraw-Hill, third edition.

EE 571N: Microwave Engineering (3 units) (Formerly 561A) January 31 - May 23, Tuesdays and Thursdays; 1130-1300; Training Center. By Dr. Wade Swinford, NWC ext. 2951.

Prerequisite: EE 471N: Fields and Waves II (formerly EE 461) is

recommended, but not required.

Scope: The application of the concepts of modern network theory to waveguiding systems. Impedance transformation and matching, scattering matrix, propagation in non-isotropic media, passive microwave devices, electromagnetic resonators, measurements in microwave systems.

Text: TBA. EE 480N: Fundamentals of Control Systems (3 units) Formerly EE 468) January 31 - May 23, Tuesdays and Thursdays; 1610-1740; Training Center. By Mr. Donald Quist, NWC ext. 6275.

Prerequisite: EE 350N: Linear Systems I (formerly EE 360A) or equivalent, or consent of instructor. Scope: A review of the relations between transient responses, systems transfer functions and methods of specifying system performance. Analysis and synthesis of feedback control systems by means of root-locus methods. Nyquist diagrams, phase-gain-frequency diagrams. The use of compensating networks to optimize control system performance.

Text: *Linear Control System: Analysis and Design*. John J. D'Azzo and Constantine Houpis. McGraw-Hill, second edition. Note: This is a senior elective in the BS EE program through Cal-State Northridge.

Cal-State University Chico

Following are classes being offered this Spring for the Cal-State Chico Computer Science Program (bachelor's and master's degrees). To enroll in these classes, submit a Training Request and Authorization Form (NAVWPNCEN 12410/73) via department channels to Code 224. Registration will be held in class at the first class meeting. Deadline for enrolling is 10 calendar days

before the starting date of the class. CSCI 222: Expert Systems (3 units) Dec. 10-11, Jan. 7-8, Jan. 28-29, Saturdays and Sundays; 0800-1600; Training Center. By Professor Huntsinger, CSUC.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent, or consent of instructor. Scope: This course covers the

Cal-State Chico

basic concepts and techniques of current expert systems technology. The course emphasis is on expert systems shells and their use for specific applications. The use of the language Prolog (Programming and Logic) for expert systems applications will be included.

CSCI 250: Compiler Theory (3 units) Jan. 21-22, Mar. 4-5, Apr. 1-2, Saturdays and Sundays; 0800-1600; Training Center. By Professor Madrigal.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent, or consent of instructor.

Scope: Language definition and descriptors, syntax structures, parsing, extraction of elements, symbol table construction, memory allocation, control statements, I/O lists, code generation, error detection, diagnostic generation.

CSCI 251: Advanced Software Practices (3 units) Apr. 15-16, May 13-14, June 17-18, Saturdays and Sundays; 0800-1600; Training Center. By Professor Luker, CSUC.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent, or consent of instructor.

Scope: A study of how an advanced programming language and software environment (Ada) should be used, from the viewpoints of portability, style and software engineering practice.

CSCI 152: Operating Systems Programming (3 units) Feb. 3-4, Feb. 24-25, Apr. 7-8, May 5-6, Fridays, 1400-1800; and Saturdays, 0800-1600; Training Center. By Professor Luk, CSUC.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent, or consent of instructor. Scope: Operating system concepts and techniques. Course includes study of linkage-editors, loaders, channel operations and interrupt handlers.

Note: There will be a two-hour laboratory each week. The time and day of the week the laboratory will be held will be arranged between the class and the teaching assistant for the course. This is a core course for the BSCS degree program and a foundation course for the MSCS degree program through CSUC. CSCI 356: Design and Analysis of Algorithms (3 units) Jan. 24-May 18, Tuesdays and Thursdays; 1230-1345; Training Center. By Professor Wooldrige, CSUC, via satellite.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent, and Discrete Mathematical Structures or equivalent, or consent of instructor. Scope: In-depth study of the design of efficient algorithms and associated data structures. Focuses on space/time performance analysis of algorithms. Topics include algorithm analysis techniques, searching and sorting, graph algorithms, numerical algorithms, combinatorial algorithms, NP completeness.

CSCI 397C-2: Computer Performance Analysis (3 units) Jan. 24-May 18, Tuesdays and Thursdays; 1100-1215; Training Center. By Professor Vayda, CSUC, via satellite.

Prerequisite: CSCI 152: Operating Systems Programming, CSCI 172: Systems Architecture, and Statistics and Analytic Geometry and Calculus I, or equivalents, or consent of instructor. Scope: A study of the methods for the measurement and modeling of computer systems, with the goal of identifying the parameters that determine system performance. Systems considered will range from simple uniprocessor batch systems to multiprogrammed multiprocessor distributed systems. The approach is pragmatic and is targeted at the practitioner. Case studies drawn from

(Continued on Page 34)

Ridgecrest Paint & Supply

109 N. Sanders
(next to Fin & Fur)
371-1001

Free Architectural and Industrial Finishes

DECRATREND Paints
TOOLS • EQUIPMENT • SUPPLIES

QUALITY PAINT
AT A DISCOUNT

Professional advice in custom color matching,
problem solving and color coordinating.

FREE DELIVERY

Monday-Friday
7 a.m. - 5 p.m.
Saturday
8 a.m. - 3 p.m.

Airless Rentals, Sales & Repairs

Senior Citizen's Discount

NEW IN STOCK
Locally Made
Silverado
Gallery & Gifts
AMBERGLOW RANCH
JELLIES
Burgundy • Pomegranate • Chablis

Christmas Special!

20% OFF
Black Hills Gold

- Unique Gifts
- Black Hills Gold
- Pottery • Jewelry
- Original Artwork
- Free Gift Wrap
- Lay Away
- Gift Certificates
- UPS Service

446-4426
995 N. Norma
Ste. E
Ridgecrest



11" x 14" **FIRST LOVE**
New Artwork by
Donna Jacobson

VISA • MasterCard

CHRISTMAS GIFT IDEAS

INDUCTIVE
with xenon bulb
\$59³⁵

5 Panel
WINK MIRROR
\$20⁵⁰

DASH COVERS
\$38⁸⁸ most models
(special orders only)

Compression
Tester
\$13⁶⁵

4 Panel
WINK MIRROR
\$19³²

10 Function
ENGINE ANALYZER
\$75⁵⁵

Plus Much Much More!
DESERT AUTO PARTS
500 Atkins (On Norma 1 block So. of Inyokern) 446-3531

COUPON

Christmas Kick-Off Drawing
Win 16-foot Jumper Cables

Name _____
Address _____
Phone # _____
Drop off at Desert Auto Parts
Drawing to be held Dec. 21